

Product List

2025



Company Profile

BirdoTech is a cutting-edge CRDMO service organization specializing in small molecule modality. Our vision is to help our clients realize maximum value, through our world-class innovation-driven drug discovery and manufacturing service platform. We collaborate with leading pharmaceutical companies and institutes, offering services such as FTE and FFS for discovery medicinal chemistry, and CDMO for the commercial manufacturing of KSMs (ISO) and registered intermediates (c-GMP). Renowned for meeting tight timelines, we support critical trials with our breakthrough scientific innovations and expediting time to market. Our laboratories are outfitted with state-of-the-art instruments to provide reliable data crucial for decision-making. To meet client demands, we employ > 330 scientists and have expanded our R&D laboratory space to 20,000 M².

At BirdoTech, we are committed to:

Clients: Delivering reliable, high-quality products and services RFT and OTIF

Employees: Providing safe working environment and rewarding career opportunities

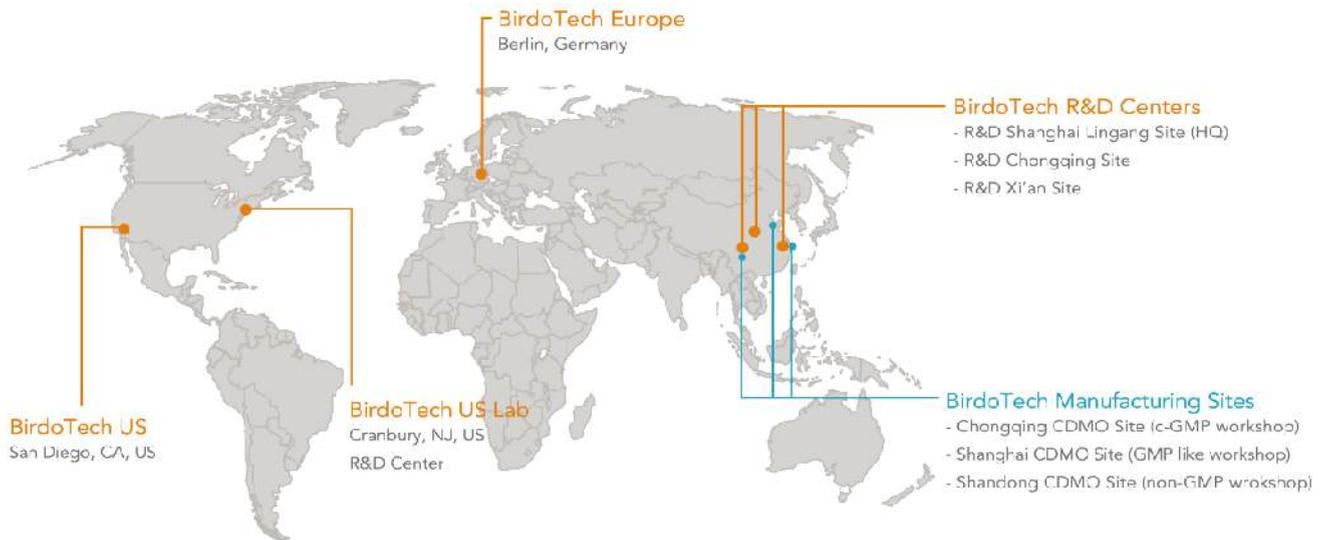
Suppliers: Establishing trusted partnerships for mutual success

Communities: Benefiting both the community and environment





Company Distributions



BirdoTech R&D Centers



Lingang Site



Chongqing Site



Xi'an Site



New Jersey Site



BirdoTech CDMO Site

BirdoTech's wholly-owned CDMO Base (Chongqing, c-GMP Plant)

The Chongqing CDMO base expansion project consists of three multi-purpose workshops dedicated to producing APIs, registered intermediates, and c-GMP starting materials, fully comply with FDA and EMA regulatory standard of c-GMP workshops.

Geographic Location

Located in Tongnan district, Chongqing, our CDMO base benefits from superb connectivity and infrastructure. Chongqing's strategic position in Southwest China offers easy access to regional and global markets, making it an ideal hub for our operations.

Capability and Capacity

With a manufacturing capacity exceeding 400m³, we will efficiently handle large-scale production requirements, approximately 100 tons per year, meeting the increasing demands of our clients. This will ensure the timely and reliable delivery of high-quality pharmaceutical products, meeting RFT (Right First Time) and OTIF (On Time In Full) standards. The production process is supported by a comprehensive and sustainable infrastructure, including a solvent tank farm, high pressure hydrogenation unit, waste treatment facilities, utility services, multi-function pilot plants, warehouse, QC/QA labs, and regulatory documentation offices. In Phase 1, the area of the premises is 66,700m², the building area is 40,000m². Furthermore, we are considering capabilities for High Potent APIs and intermediates with a toxicity level of OEB 4 to 5 in Phase 2 (62,000m²) and will further expand the capacities with an incremental approximately 600m³ c-GMP capacity.

- **Phase one:** Area of the Premises: 66,700 m² Building Area: 40,000 m²
Investment: \$80,000,000



- Multi-purpose workshops:
 - WS1 (150 m³);
 - WS2 (150 m³);
 - WS3 (110 m³);
 - WS4 (4.5 m³) Hydrogenation Bay
- Warehouses:
 - WH1: Solid RM, PM and final products
 - WH2: Liquid RM and reagents
 - WH3: Hazardous RM
 - WH4: Dangerous when wet materials
- WWTP: 1,000 ton/day
- Solvent tank farm
- Utilities
- Chemistry lab, QA, QC, Regulatory & Office building
- Waste treatment: RTO, resin adsorption

- **Phase two:** 62,000 m²

Business Overview



Building Block

Catalog Reagent
Compound Management

CRO (Contract Research Org.)

FTE (Full Time Equivalent)
FFS (Fee For Service)

DPC (Discovery Process Chemistry)

Connect small scales synthesis in medicinal chemistry lab and CMC stage
Focus on fast, safe and green scale-up. Prioritize time and reduce costs
Process optimization, but rapid delivery to meet demand is fundamental

CDMO (Contract Development & Manufacture Org.)

Process R&D
cGMP & non-GMP API Production
cGMP & non-GMP KSM/RSM Production
New Materials & Function Chemicals

CDMO Services

CRO Services

Chemistry, Manufacturing and Control

Service Offering Focus

Drug Discovery

- Library synthesis
- Hit identification
- Hit-to-lead discovery
- Lead generation
- Lead optimization
- SAR development
- Synthetic route design
- Salt/co-crystal screening

Chemistry Services

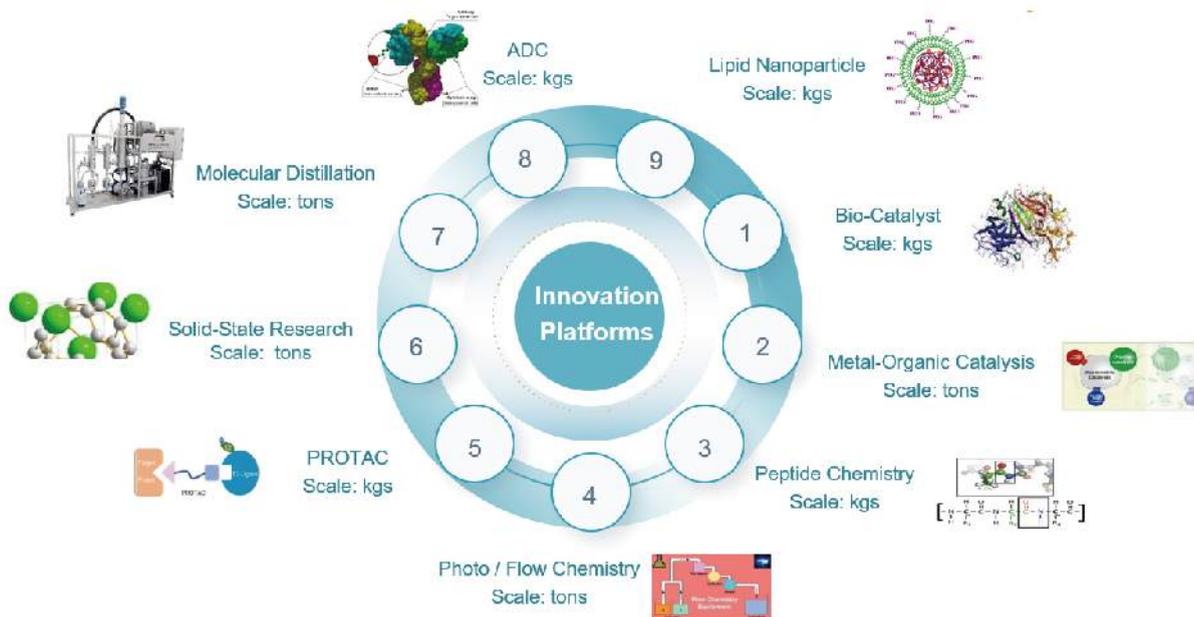
- Flow chemistry
- Solid-state research platform
- Protac technology
- Peptide synthesis
- Enzyme screening
- Impurity synthesis
- Catalyst screening platform
- Antibody drug conjugates

- Discovery process chemistry
- Process chemistry
- API production
- Chemical properties analysis
- Method development and validation
- Stability study
- Impurities profile study
- Quality Assurance

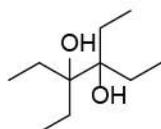
Scale

Small scale

Small-scale production (preclinical, phase I, phase II)
Large-scale production (phase III, commercial)

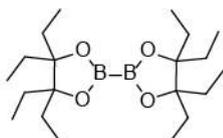


Featured Products



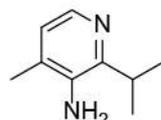
Hundred-kilos stock

AC288169 / CAS: 6931-71-1



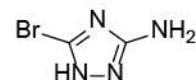
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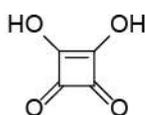
Multi-tons stock

AC010511 / CAS: 1698293-93-4



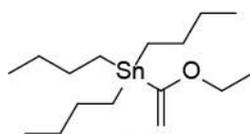
Hundred-kilos stock

AC763763 / CAS: 389122-08-1



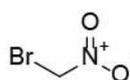
Hundred-kilos stock

AC530521 / CAS: 2892-51-5



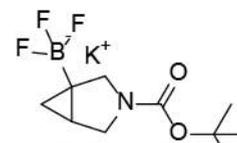
Hundred-kilos stock

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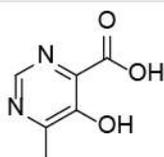
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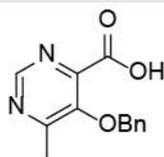
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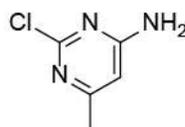
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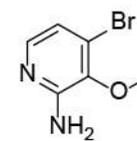
Kilo-scale stock

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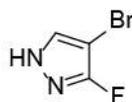
Hundred-kilos stock

AC501157 / CAS: 14394-60-6



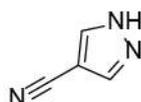
Mature process

AC506809 / CAS: 1804876-78-5



Kilo-scale stock

AC544702 / CAS: 1346555-56-3



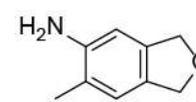
Kilo-scale stock

AC500888 / CAS: 31108-57-3



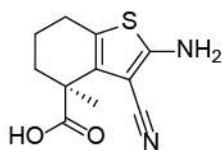
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AC504551 / CAS: 1698535-33-9



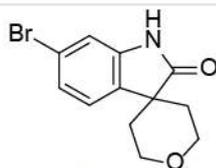
Mature process

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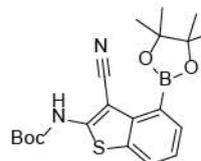
Hundred-grams stock

AC873941 / CAS: 2749963-99-1



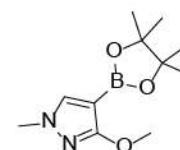
Kilo-scale stock

AC749806 / CAS: 1190861-43-8



Hundred-grams stock

AC691975 / CAS: 2649788-76-9



Hundred-grams stock

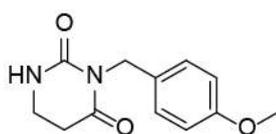
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Featured Products



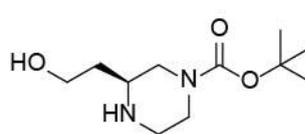
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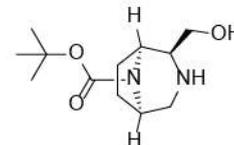
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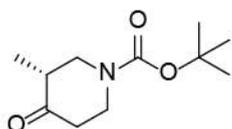
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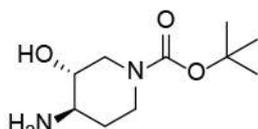
Kilo-scale stock

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Kilo-scale stock

AC861651 / CAS: 2091951-57-2



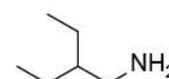
Hundred-grams stock

AC744932 / CAS: 1007596-95-3



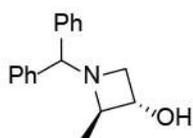
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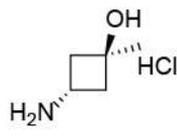
Hundred-kilos stock

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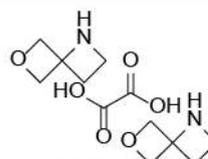
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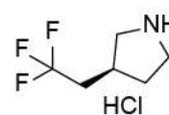
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AC744075 / CAS: 1523571-03-0



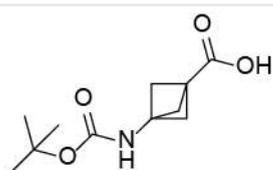
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AC737248 / CAS: 1380571-72-1



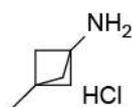
Hundred-grams stock

AC121818 / CAS: 2639960-45-3



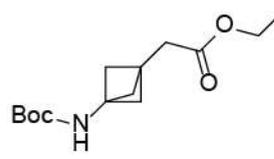
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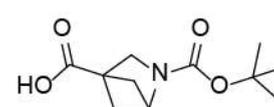
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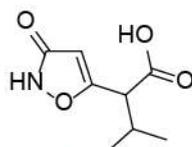
Hundred-grams stock

AC010456 / CAS: 2096992-05-9



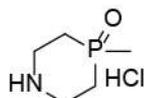
Mature process

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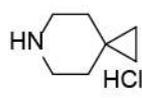
Hundred-grams stock

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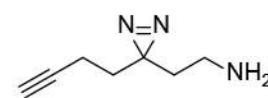
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AC629127 / CAS: 945459-80-3



Kilo-scale stock

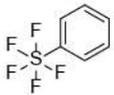
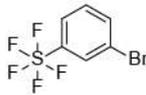
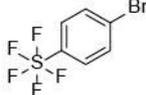
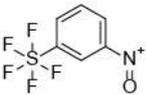
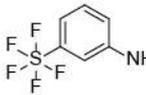
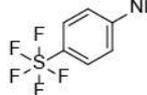
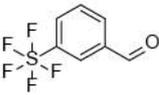
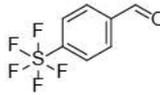
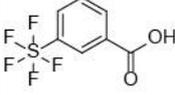
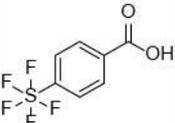
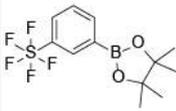
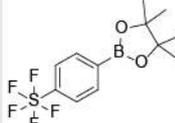
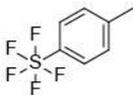
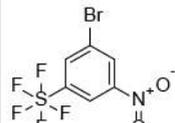
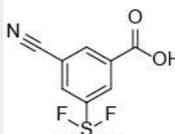
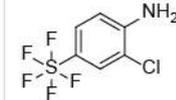
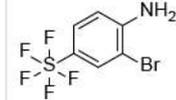
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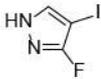
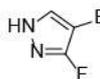
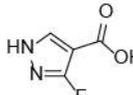
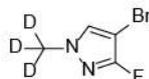
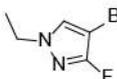
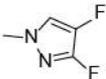
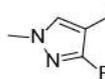
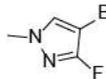
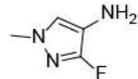
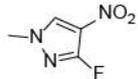
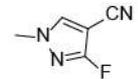
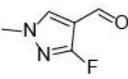
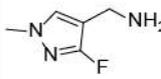
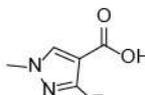
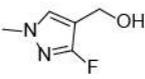
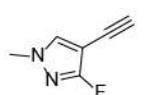
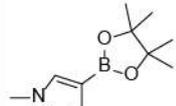
Hundred-grams stock

AC548049 / CAS: 1450752-97-2

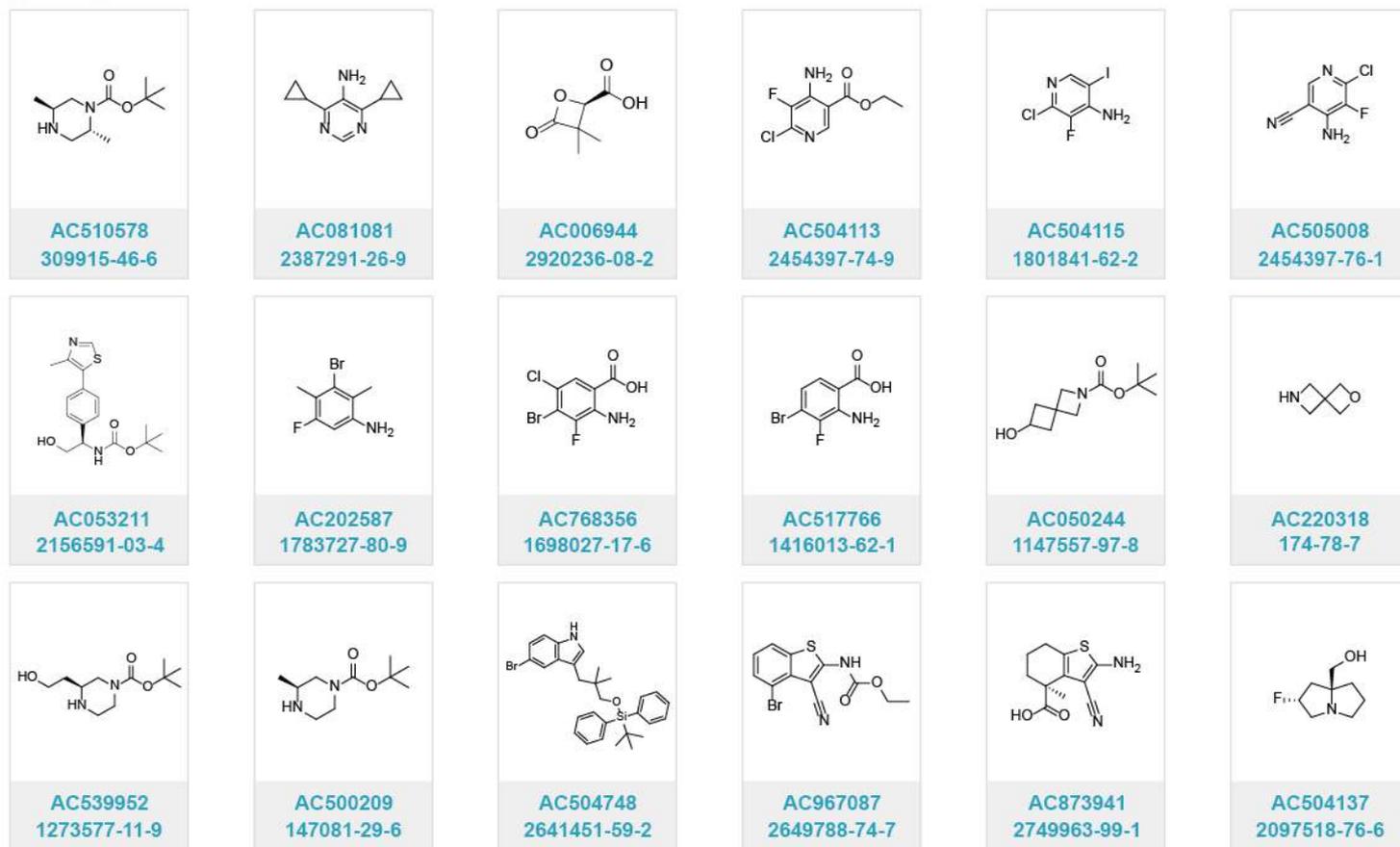
Pentafluoro-sulfaneyl benzene

					
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AC837487 203126-21-0	AC103393 1180675-98-2	AC162027 871507-63-0	AC172804 1448317-58-5	AC137775 165114-85-2	AC503630 159727-25-0

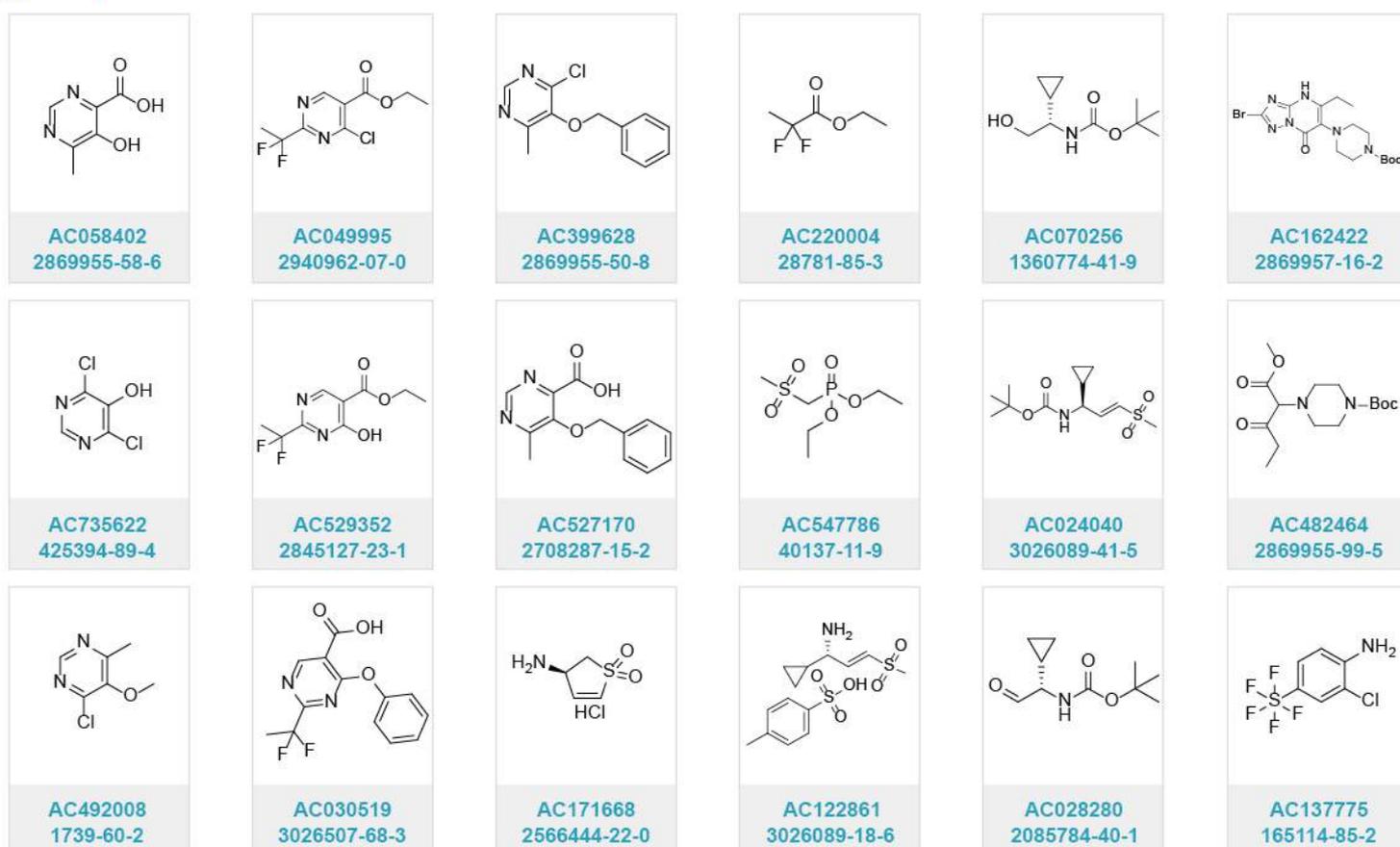
Fluoro pyrazole

					
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AC583921 1934527-90-8	AC046951 1934953-34-0	AC202467 1823271-62-0	AC012066 1936160-34-7	AC027874 2870710-21-5	AC477460 2271472-69-4

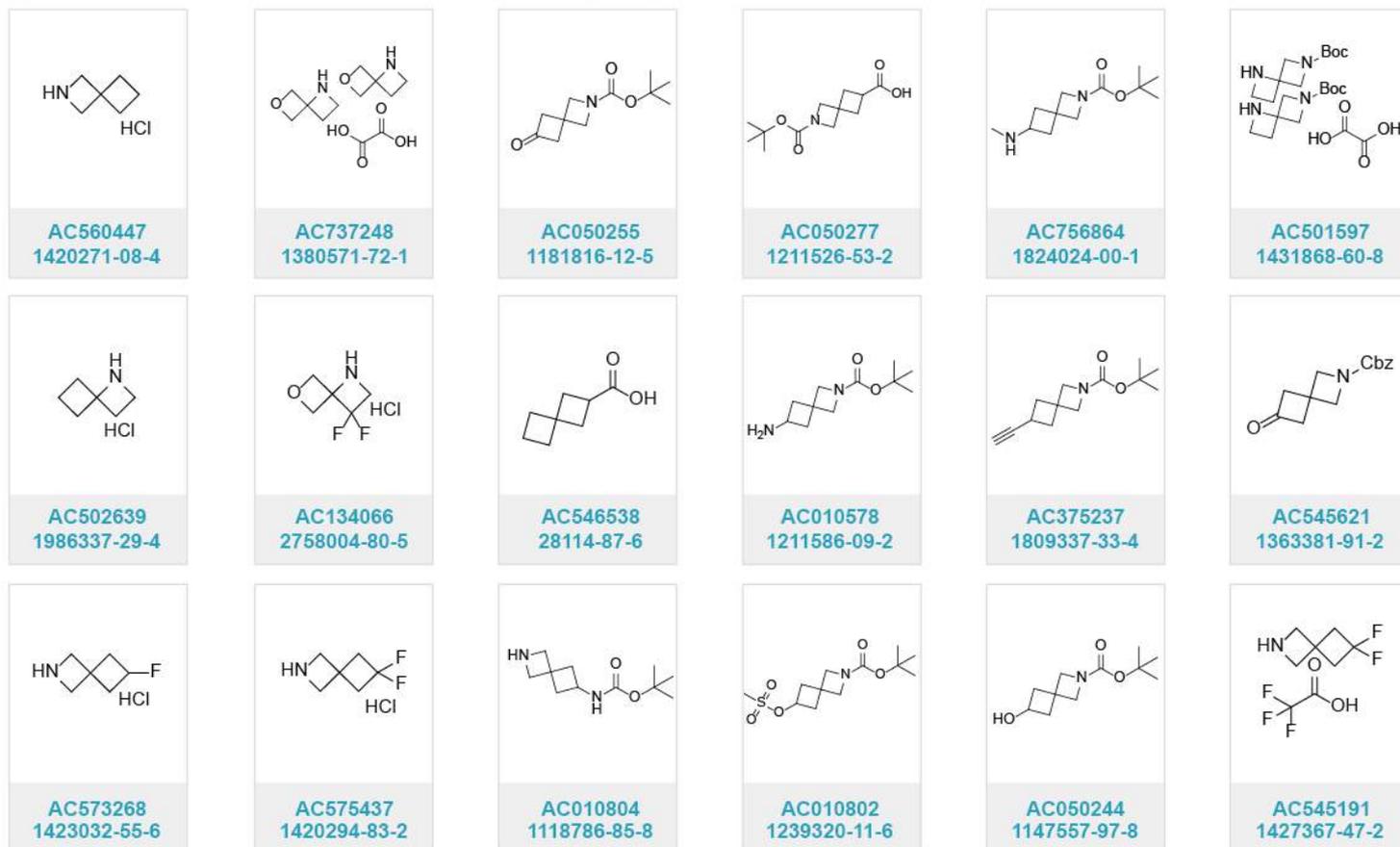
Target KRas related BBs



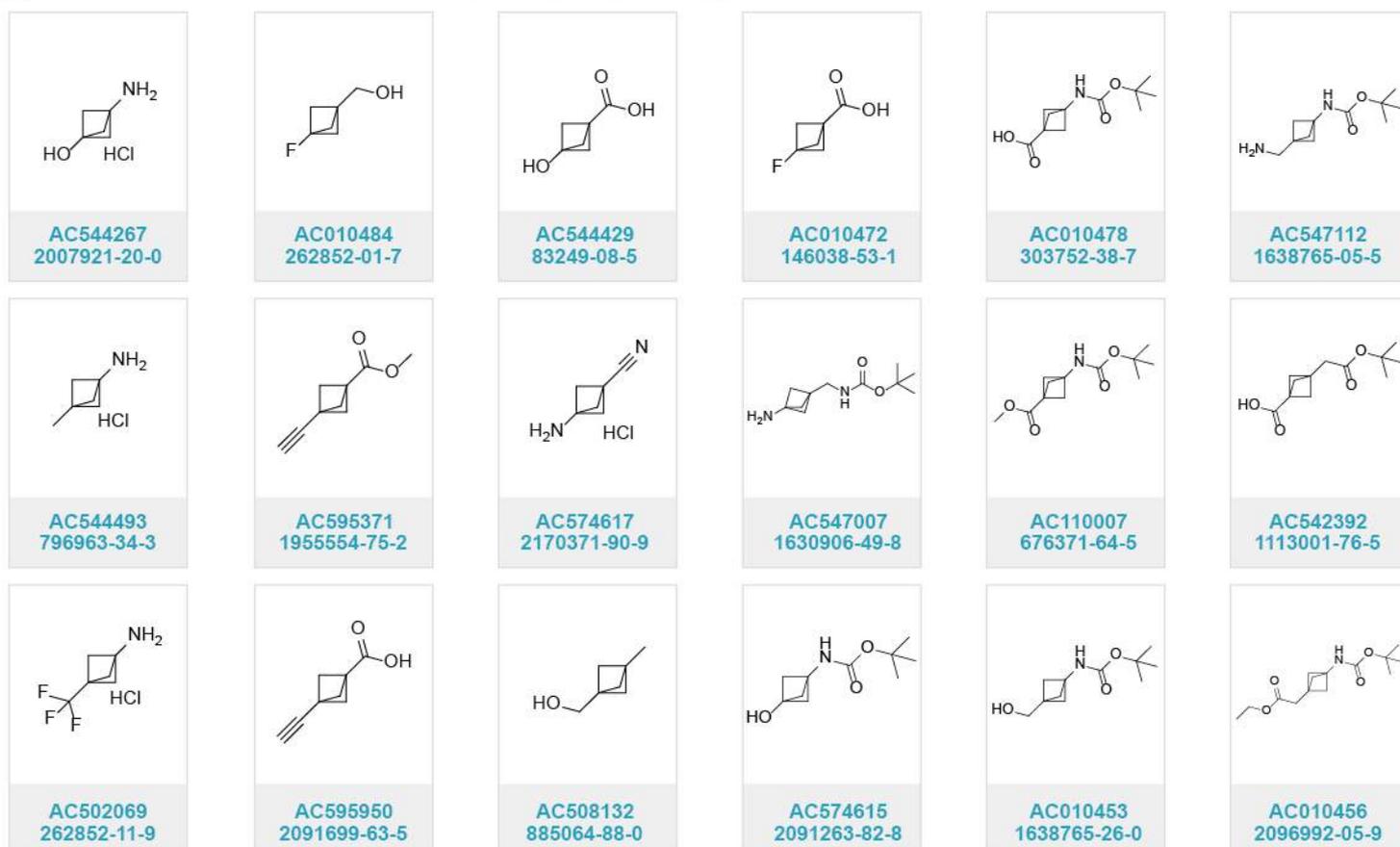
Target WRN related BBs



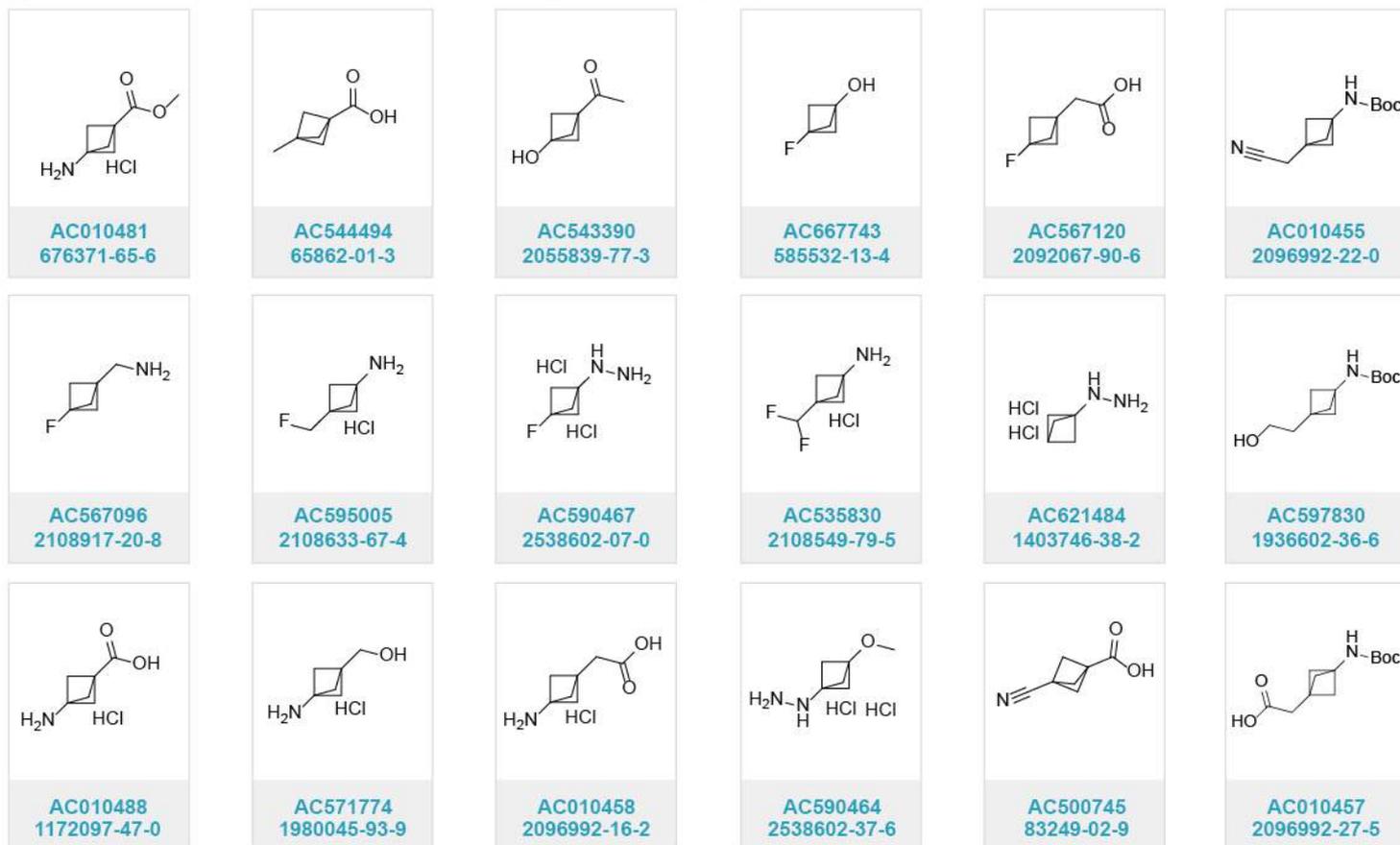
Bioisosteres of piperidine (Spiro[3.3])



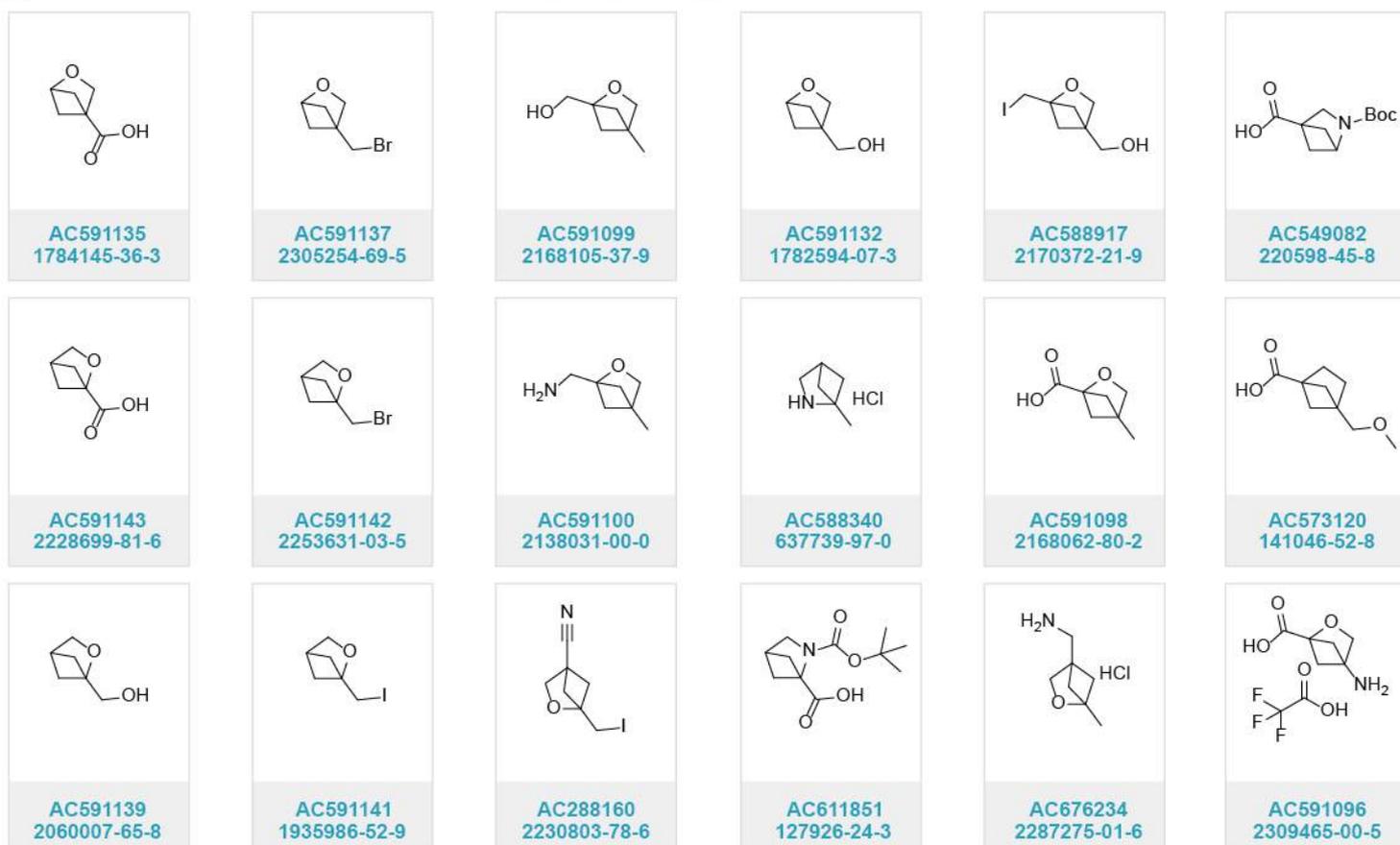
Bioisosteres of benzene (Bridged[1.1.1])-part1



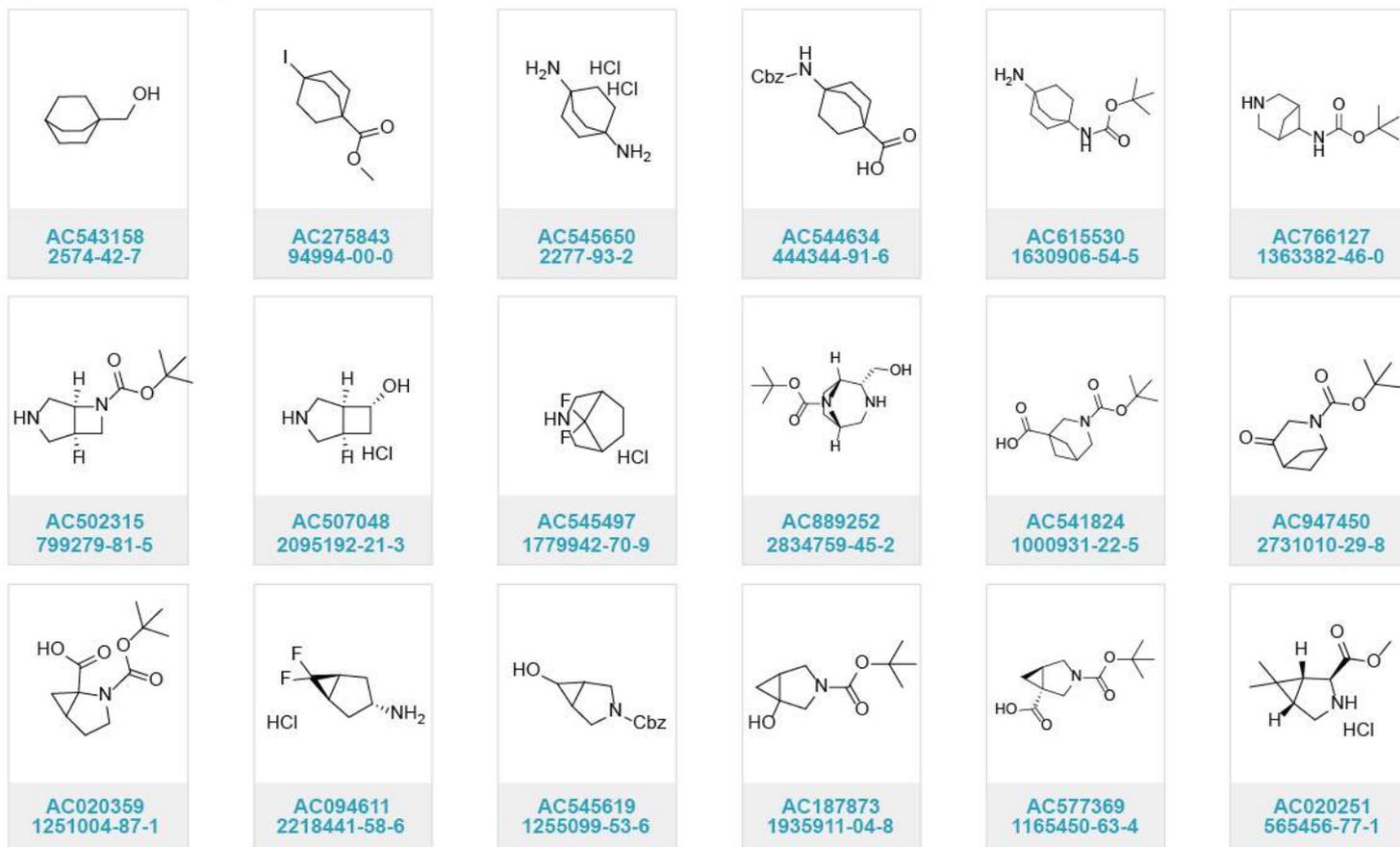
Bioisosteres of benzene (Bridged[1.1.1])-part2



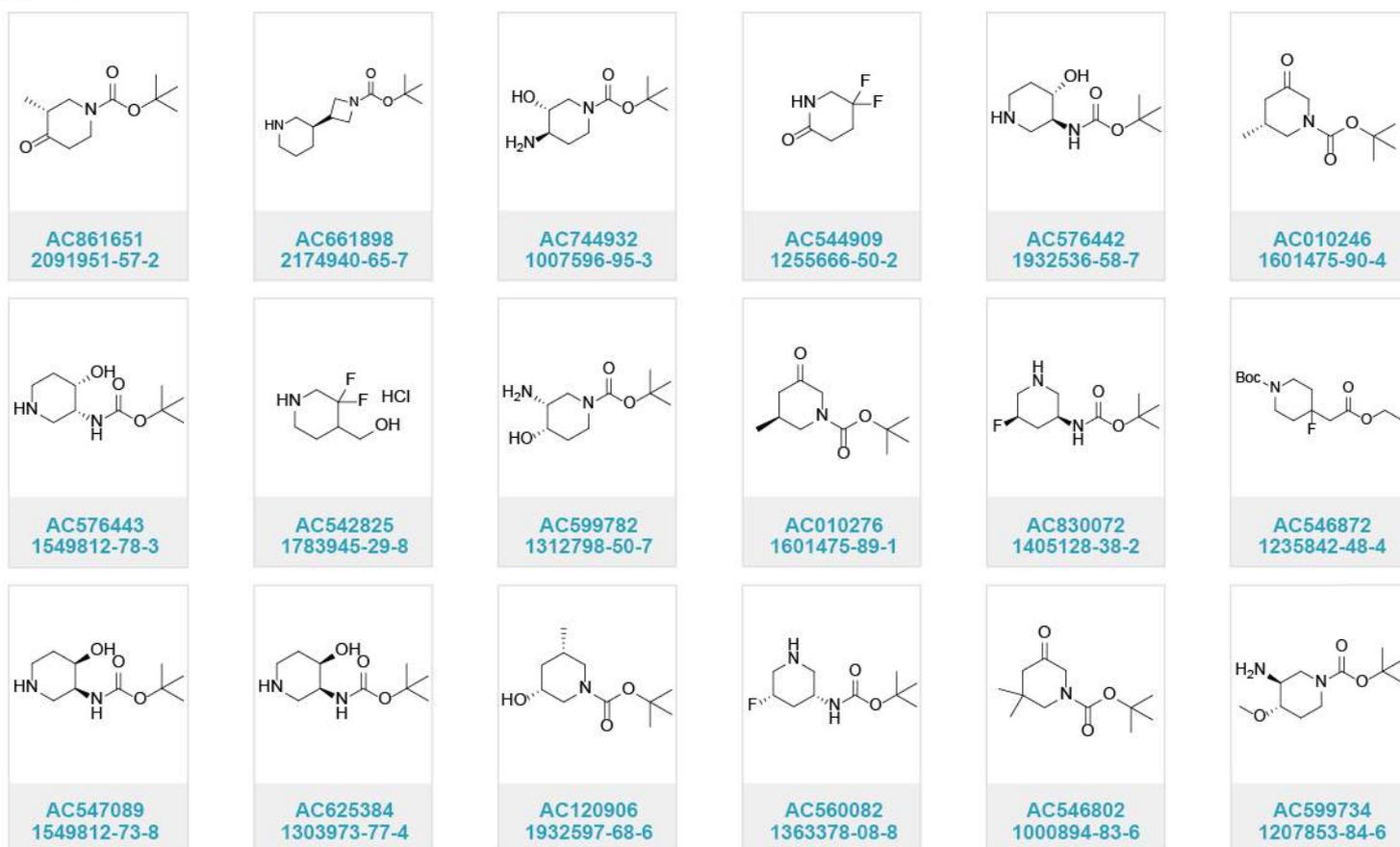
Bioisosteres of benzene (Bridged[2.1.1])



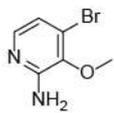
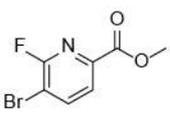
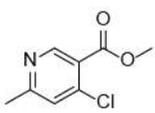
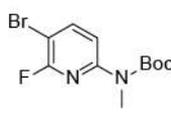
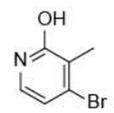
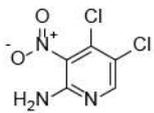
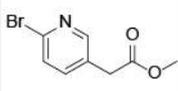
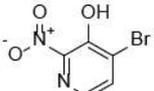
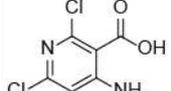
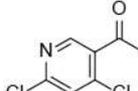
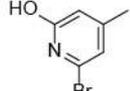
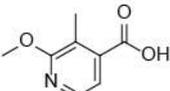
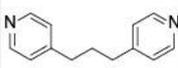
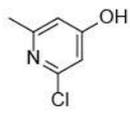
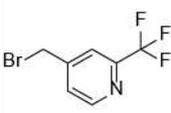
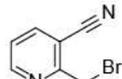
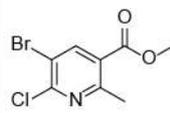
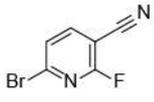
Other bridged compounds



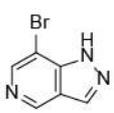
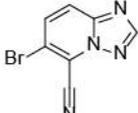
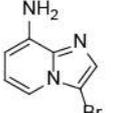
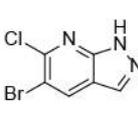
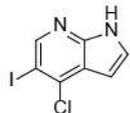
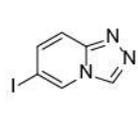
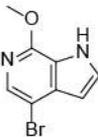
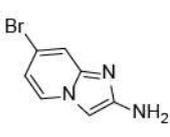
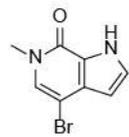
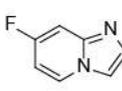
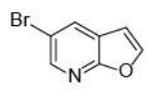
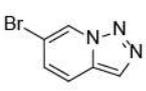
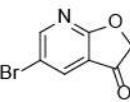
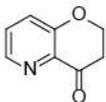
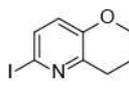
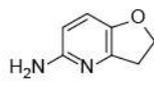
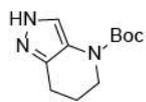
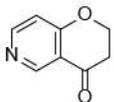
Piperidine



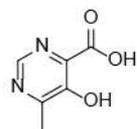
Pyridine

					
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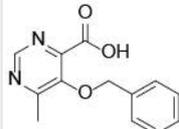
Pyridine[b]

					
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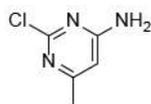
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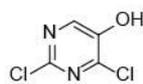
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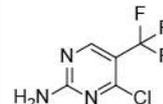
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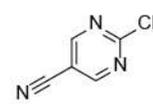
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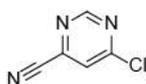
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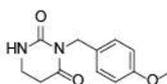
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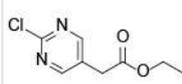
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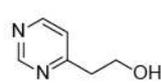
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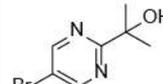
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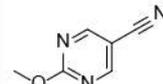
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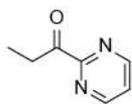
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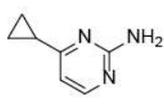
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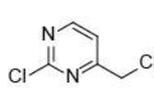
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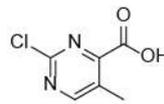
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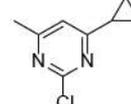
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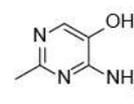
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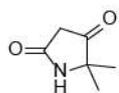


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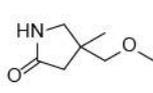


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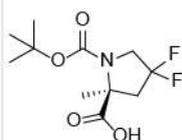
Pyrrolidine



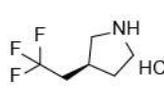
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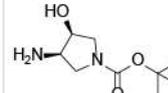
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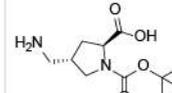
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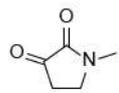
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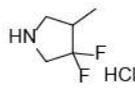
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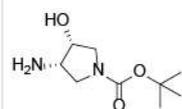
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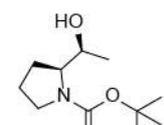
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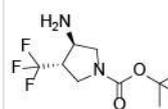
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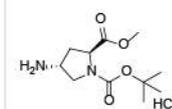
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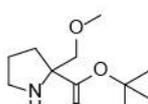
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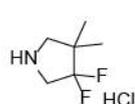
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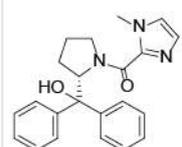
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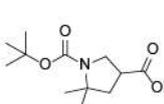
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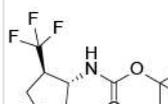
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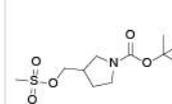
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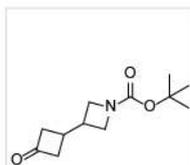


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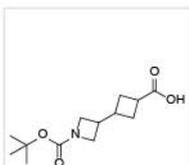


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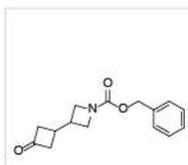
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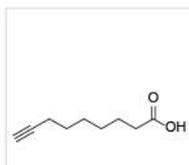
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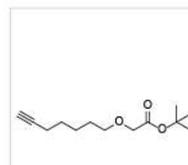
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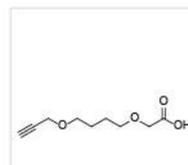
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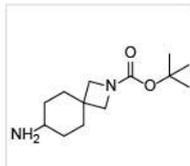
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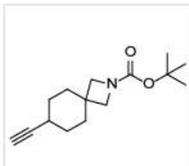
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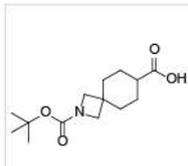
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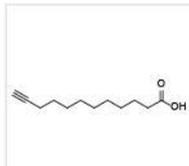
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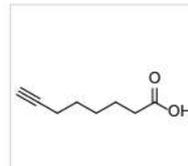
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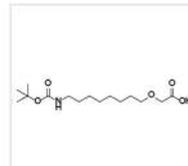
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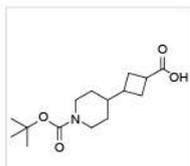
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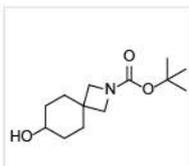
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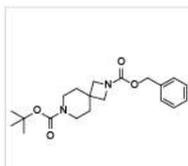
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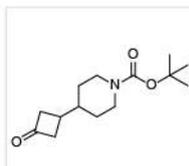
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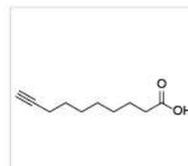
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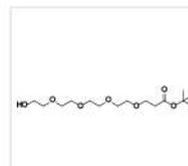
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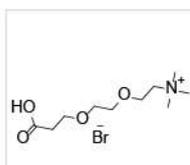


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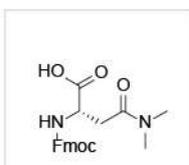


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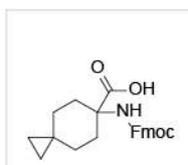
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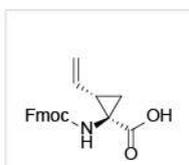
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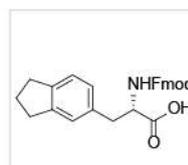
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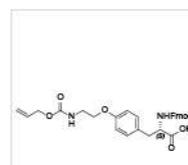
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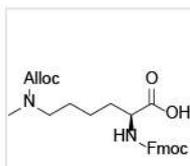
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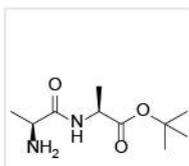
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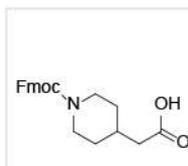
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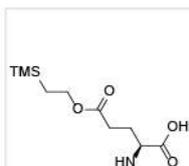
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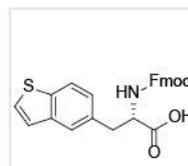
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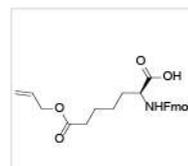
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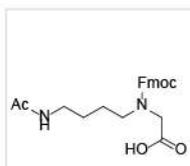
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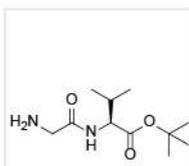
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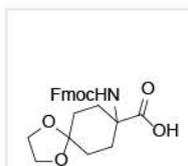
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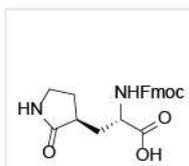
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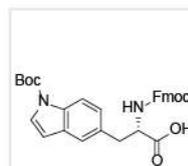
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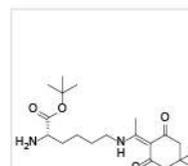
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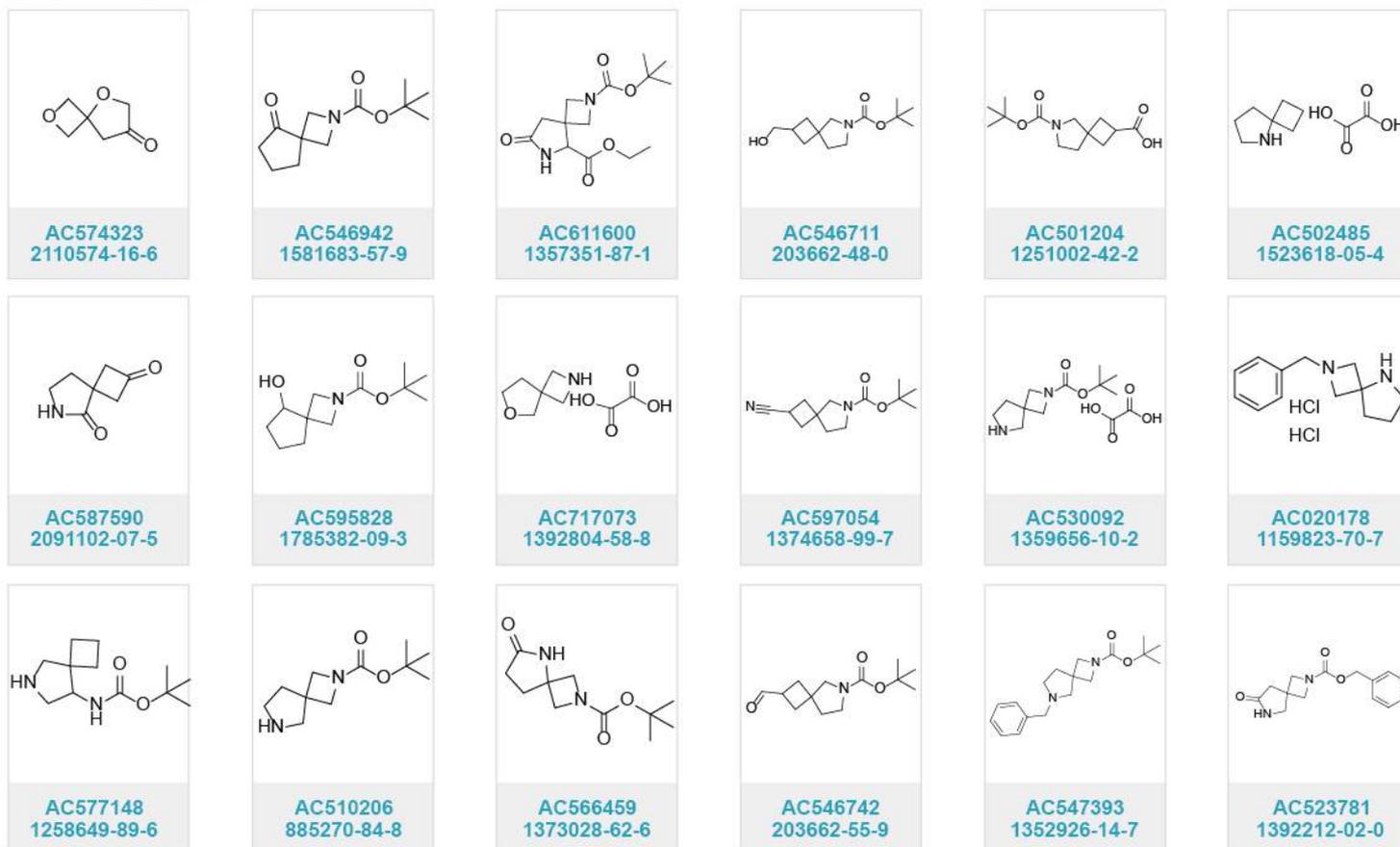


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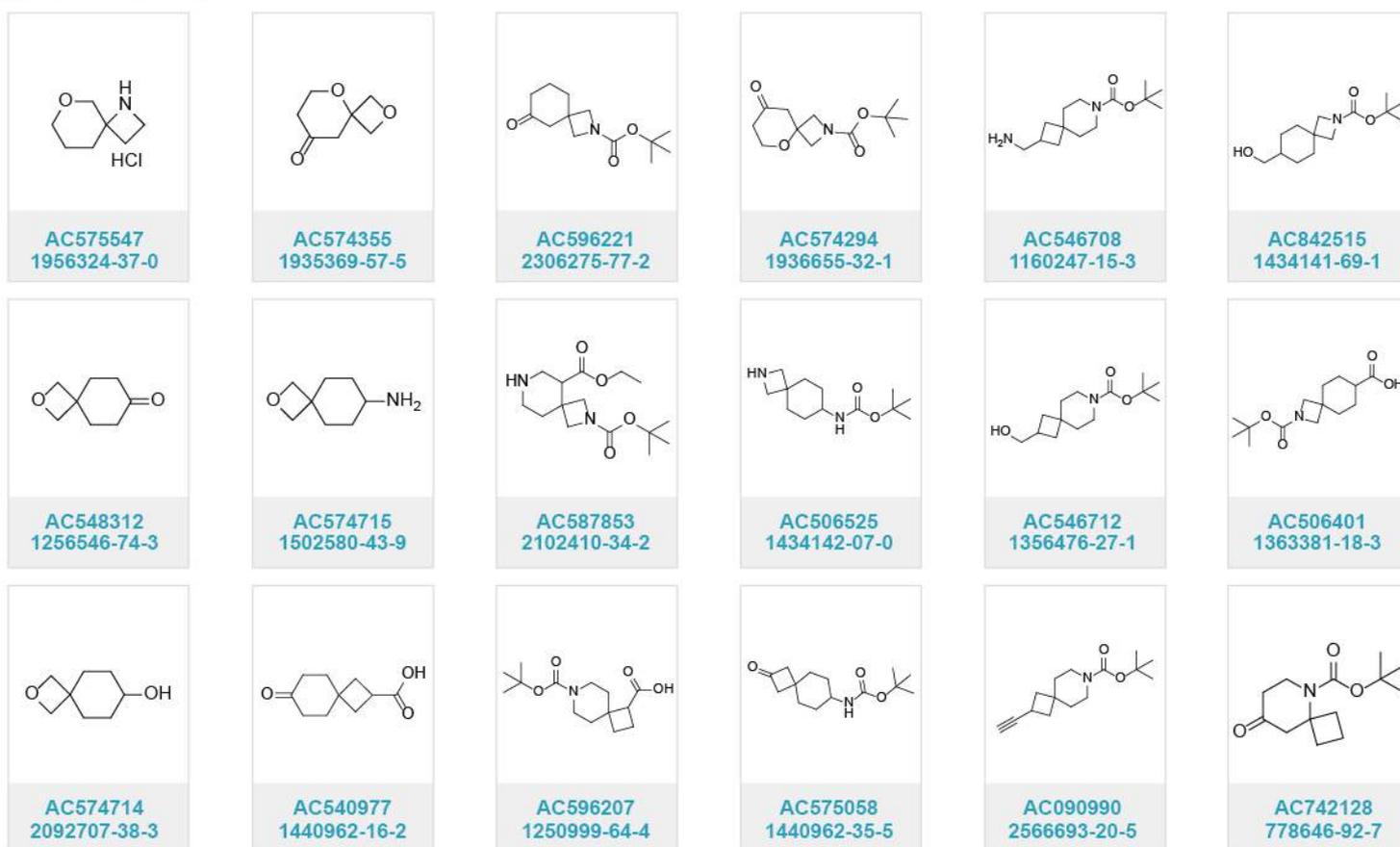


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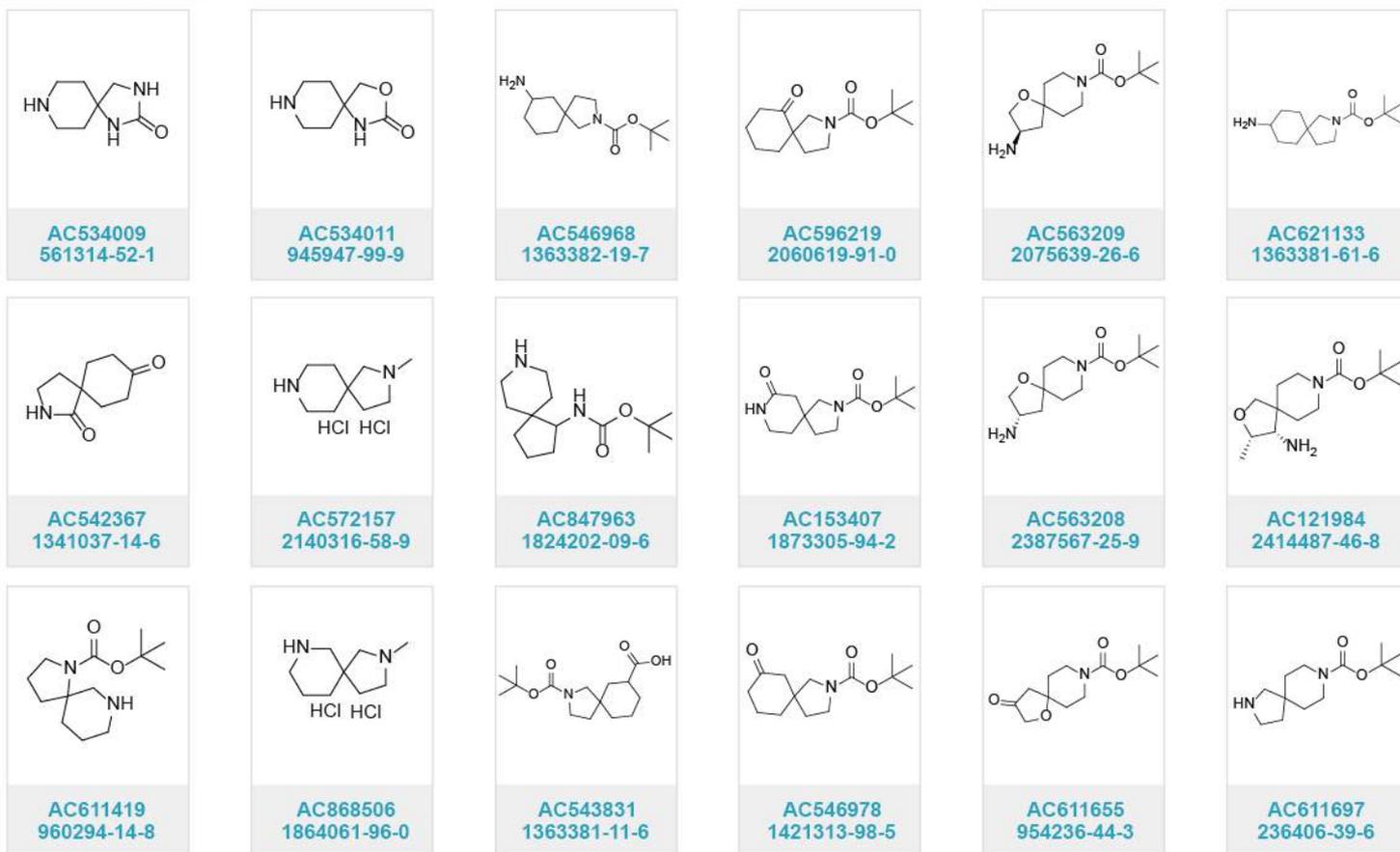
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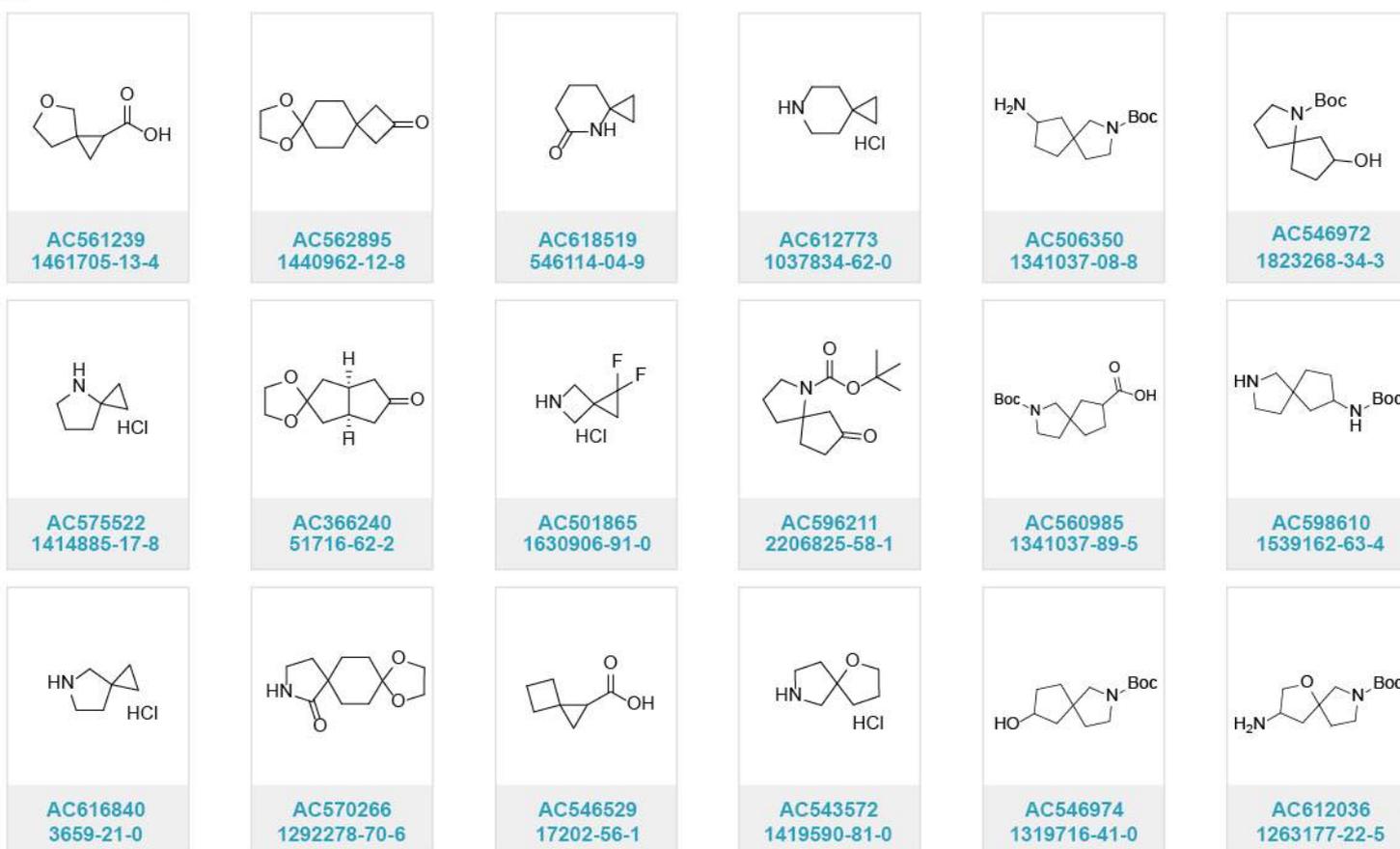
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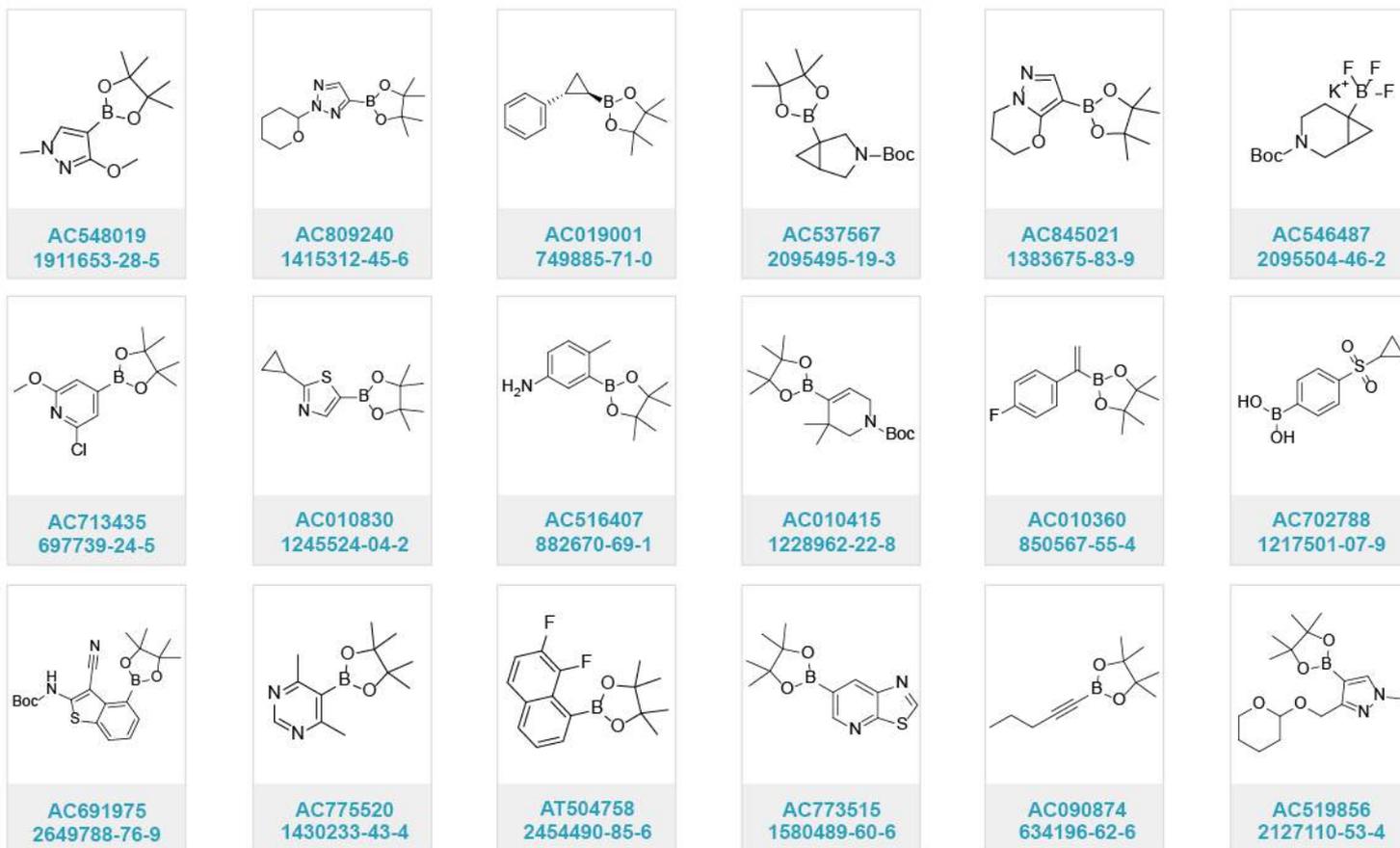
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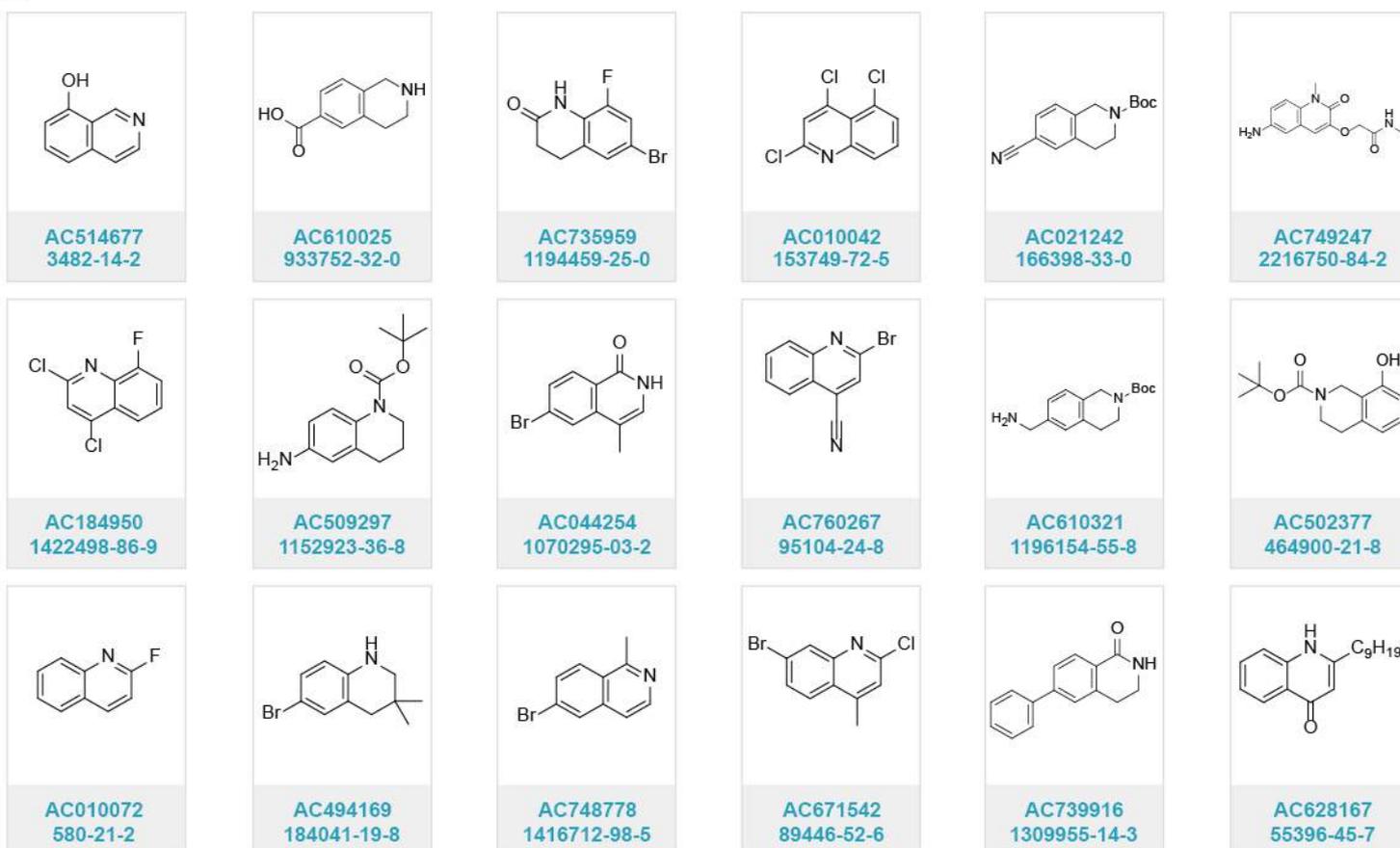
Other spiro



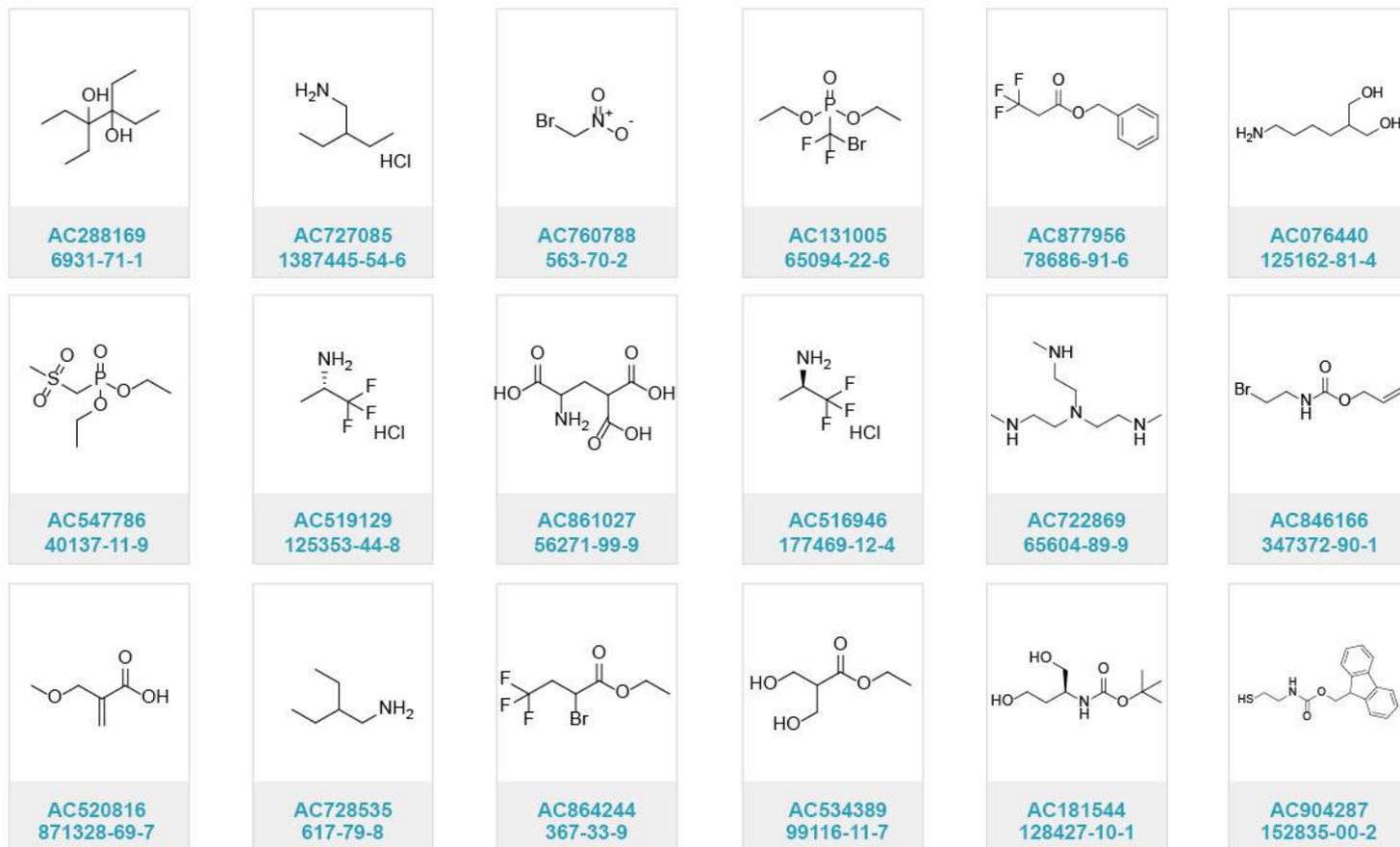
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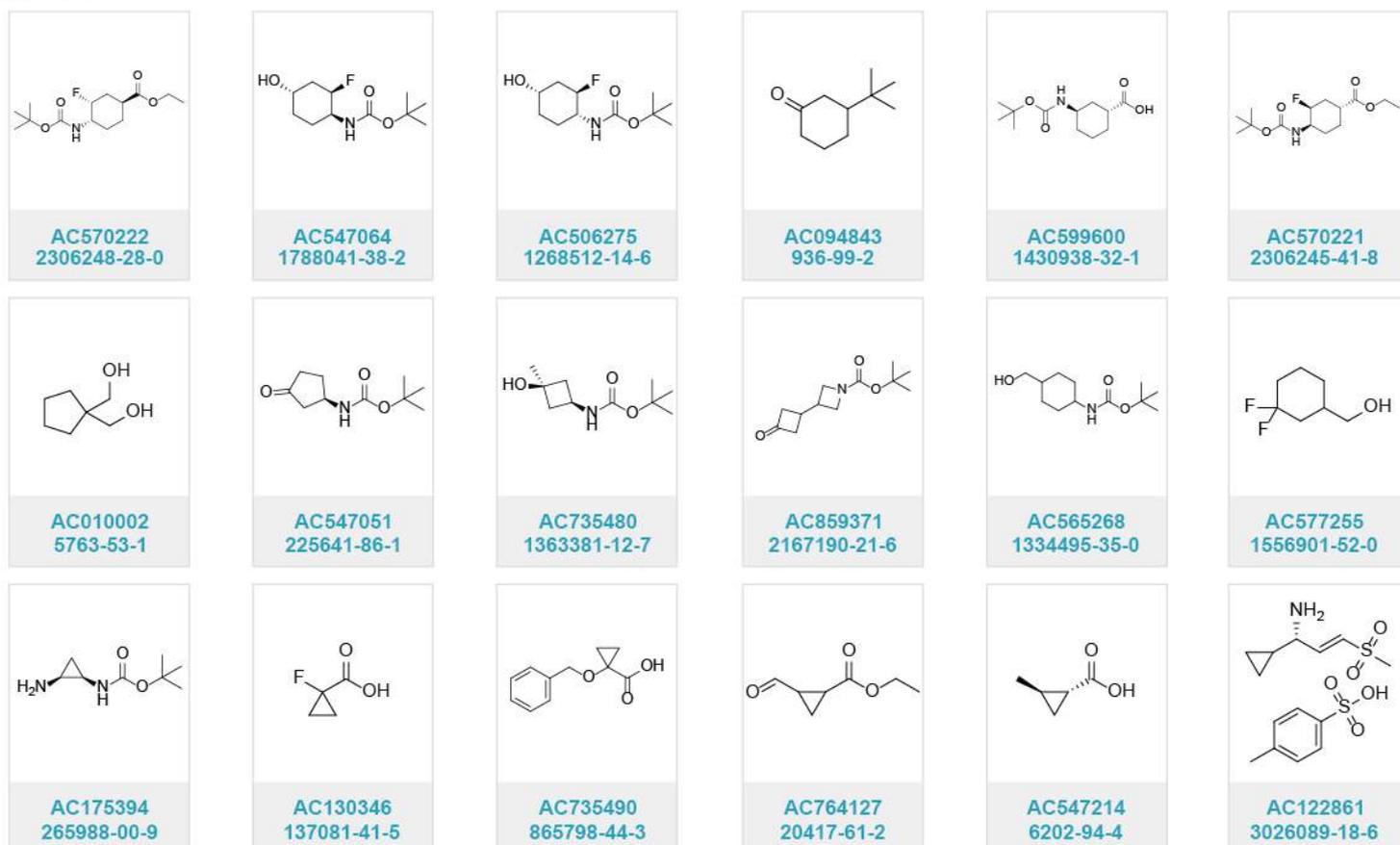
Quinoline



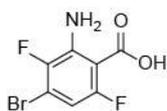
Functional aliphatic compounds



Cyclic hydrocarbons



Aniline



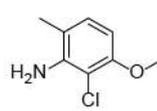
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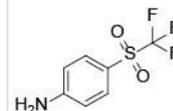
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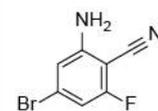
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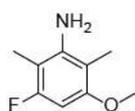
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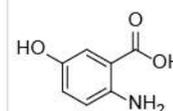
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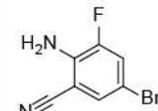
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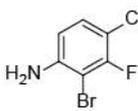
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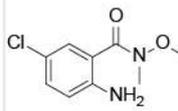
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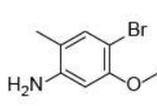
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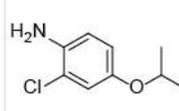
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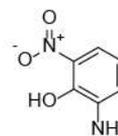
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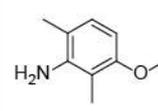
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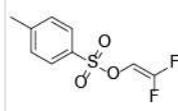


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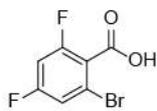
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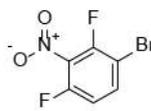
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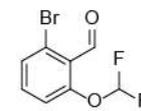
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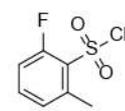
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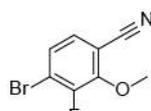
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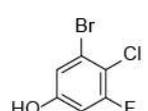
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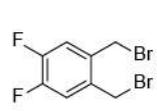
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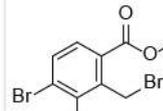
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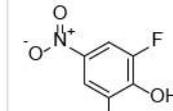
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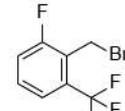
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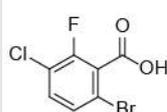
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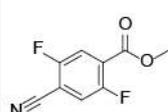
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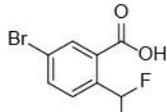
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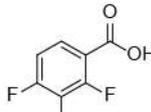
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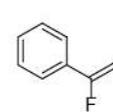
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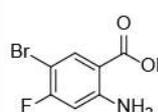
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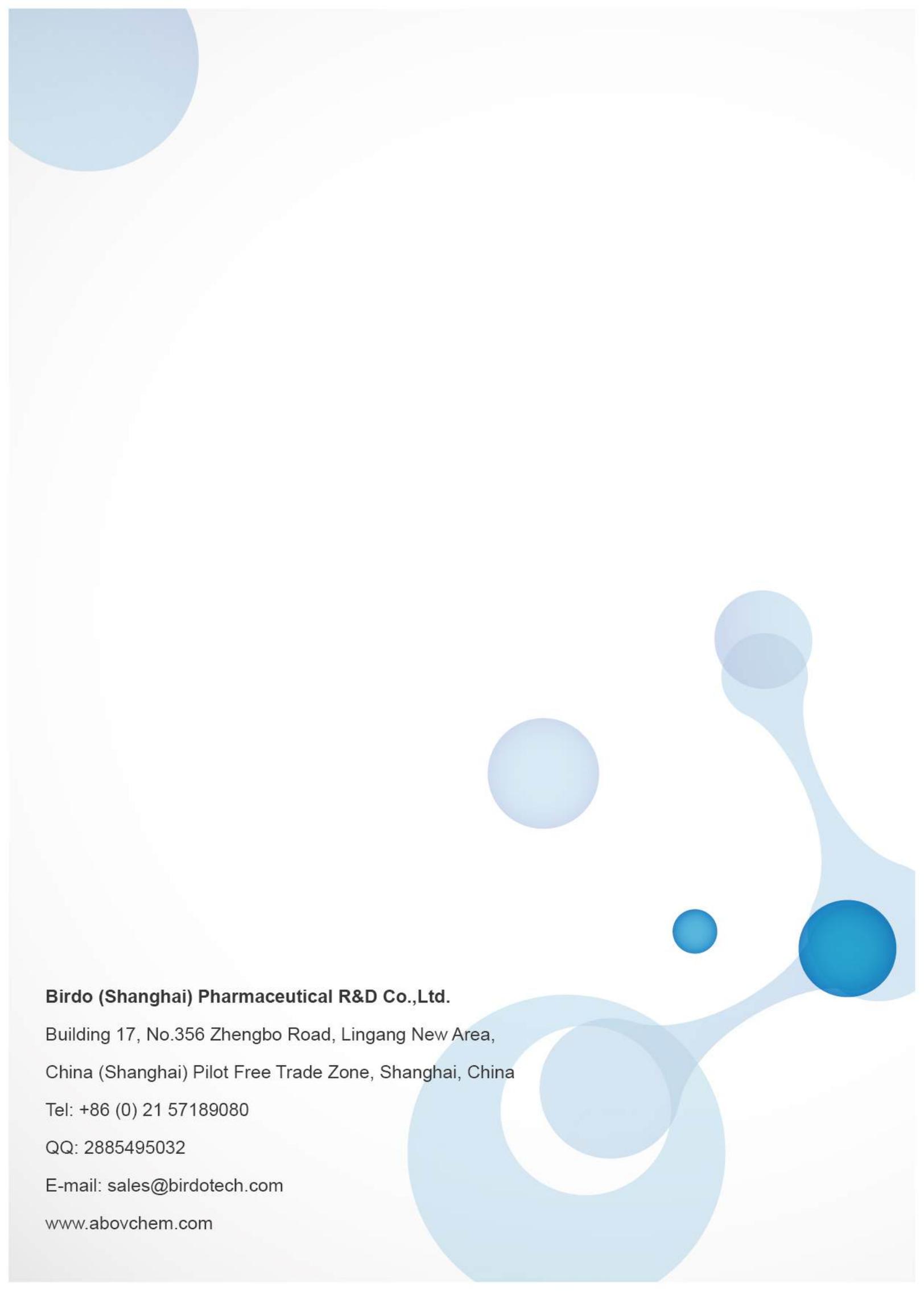
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