



中国航天

# 沈阳感光化工研究院

SHENYANG PHOTSENSITIVE CHEMICAL RESEARCH INSTITUTE



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### 热敏显色剂

### Thermal Color Developer

F-102

4-羟基-4'-苄氧基二苯砜  
4-((4-(Benzyloxy)phenyl)sulfonyl)phenol  
CAS#:63134-33-8

F-108

4-羟基-4'-异丙氧基-二苯砜  
4-Isopropoxyphenyl-4'-hydroxyphenylsulfone  
CAS#:95235-30-6

F-109

4-烯丙氧基-4'-羟基二苯砜  
4-Allyloxy-4'-hydroxydiphenylsulfone  
CAS#:97042-18-7

不含酚显色剂 NON-PHENOL

F-103

3-[[[4-甲基苯磺酰基]氨基甲酰基]氨基]苯基4-甲基苯磺酸酯  
3-([[4-Methylphenyl)sulfonyl]carbamoyl]amino)phenyl4-methylbenzenesulfonate  
CAS#:232938-43-1



#### 应用领域:

热敏纸 (机票、火车票、彩票、彩色标签、物流标签等), 医疗胶片

#### Application:

Thermal paper (boarding cards, train tickets, lotteries, colorful labels, logistics labels) , Medical films



# 06

## 产品介绍 Main Products

### 热敏成色剂

### Thermal Color Former

<b>R-101</b> 浅黄 Light Yellow	3',6'-二甲氧基茱萸烷 3',6'-Dimethoxyfluoran CAS#:36886-76-7
<b>R-102</b> 黄 Yellow	2-(2'-正辛氧基)苯基-(4-N',N'-二甲胺基)苯基-6-苯基吡啶 2-(2'-N-Octyloxy)phenyl-(4-N',N'-dimethylamino)phenyl-6-phenyl pyridine CAS#:144190-25-0
<b>R-201</b> 橙红 Orange	6'-(二乙氨基)-1',3'-二甲基茱萸烷 6'-Diethylamino-1',3'-dimethyl benzofuran CAS#:21934-68-9
<b>R-204</b> 红 Red	3-二丁基氨基-6-甲基-7-溴茱萸烷 3-Dibutylamino-6-methyl-7-bromofluoran CAS#:117342-26-4

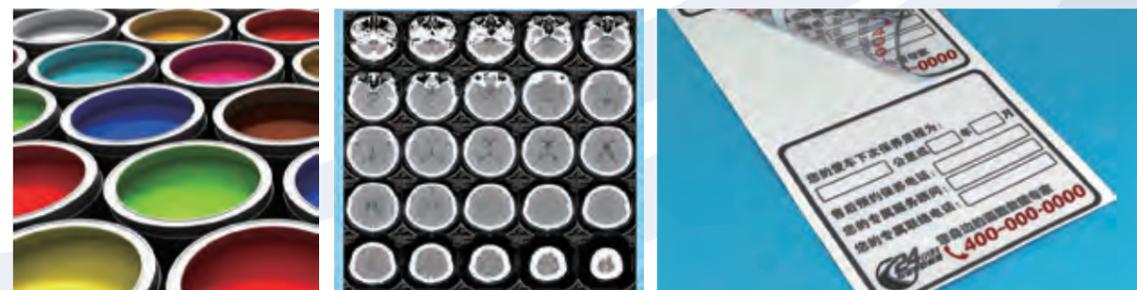
<b>R-301</b> 绿 Green	3,3-二(2-二乙氧基-4-N,N-二乙氨基苯基)-4-氮杂苯酐 3,3-Bis(2-diethoxy)-4-N, N-diethylaminophenyl-4-azaphthalide CAS#:132467-74-4
<b>R-302</b> 深蓝 Dark Blue	3-(4-二乙氨基-2-乙氧基苯基)-3-(1-乙基-2-甲基吡啶-3-基)-4-氮杂-2-苯并[C]咪喃酮 3-(1-Ethyl-2-methylindol-3-yl)-3-(2-ethoxy-4-diethylaminophenyl)-4-azaphthalide CAS#:69898-40-4
<b>R-401</b> 黑 Black	3-N-异戊基-N-乙氨基-6-甲基-7-苯氨基茱萸烷 3-N-Isoamyl-N-ethylamino-6-methyl-7-anilinofluoran CAS#:70516-41-5

■ 应用领域:

医疗胶片, 温变油墨, 彩色标签

■ Application:

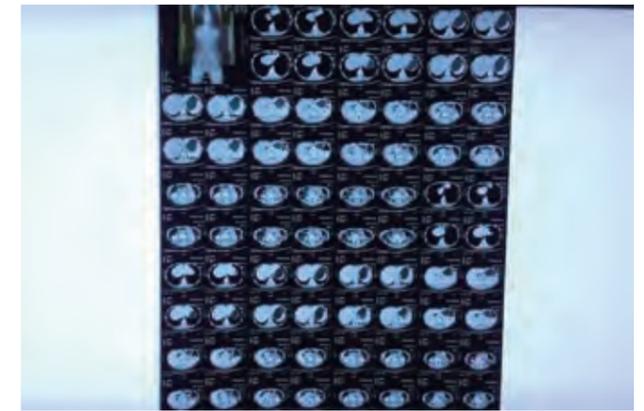
Medical films, Thermochromic inks, Colorful labels



# 06

## 产品介绍 Main Products

### 热敏增感剂 Thermal Sensitizer



F-201

1-羟基-2-萘甲酸苯酯  
Phenyl 1-hydroxy-2-naphthoate  
CAS#:132-54-7

F-202

草酸二对氯苄酯  
Bis(4-chlorobenzyl)oxalate  
CAS#:19829-42-6

F-204

对苯二甲酸二苄酯  
Dibenzyl terephthalate  
CAS#:19851-61-7

■ 应用领域:

热敏纸(机票、火车票、彩票、彩色标签、物流标签等), 医疗胶片

■ Application:

Thermal paper (boarding cards, train tickets, lotteries, colorful labels, logistics labels) , Medical films

# 06

## 产品介绍 Main Products

### 感光&药物中间体 Photographic & Pharmaceutical Intermediates

S-1005

4-氯-3-硝基苯甲醚  
4-Chloro-3-nitroanisole  
CAS#:10298-80-3

MPA

4,4-二甲基-3-氧代戊酸甲酯  
Methyl 4,4-dimethyl-3-oxovalerate  
CAS#:55107-14-7

S-301

2,4-二氯-3-乙基-6-硝基苯酚  
2,4-Dichloro-3-ethyl-6-nitrophenol  
CAS#:99817-36-4

### 工业杀菌剂BIT Industrial Fungicides BIT

BIT

1,2-苯并异噻唑-3-酮  
1,2-Benzisothiazolin-3-one  
CAS#:2634-33-5

农药中间体、医药中间体  
研发、生产一站式综合服务

AGROCHEMICAL INTERMEDIATES

PHARMACEUTICAL INTERMEDIATES

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