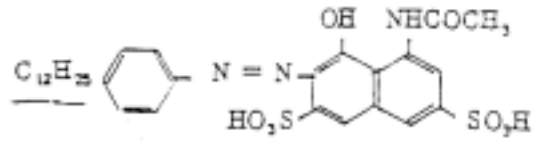


Acid Red 1()

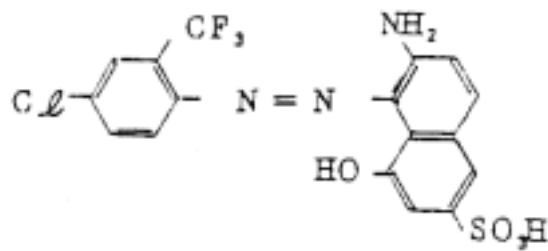


Acid Red 135(milling)

1940

가

가



, milling ()

milling

2)

1889

가

(-OH, -COOH, -NH₂ 2) 가

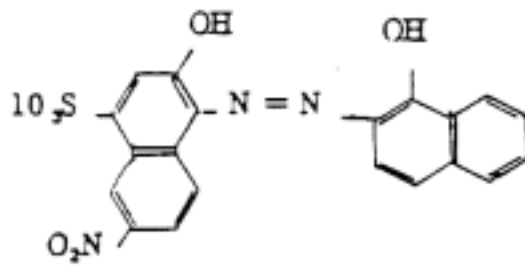
가

가

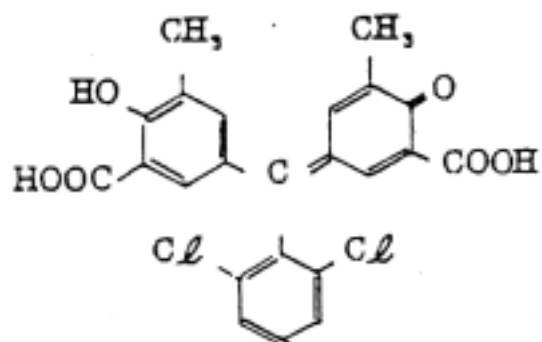
, Triphenyl-methane 紫~青

가

Mordant Black 11

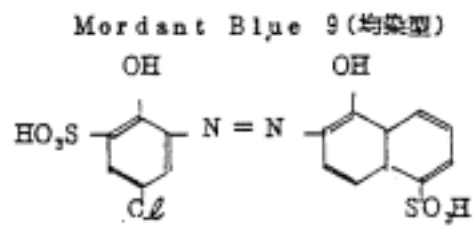
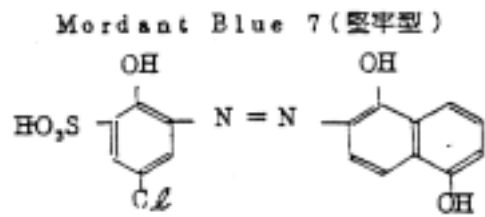


Mordant Blue 1



가

Sulfon



가

가

3가

(chelate)

6가

(Cr⁺⁶) 量

nylon

가

3)

()

()

가

, 1952

1:1

가

, 1951

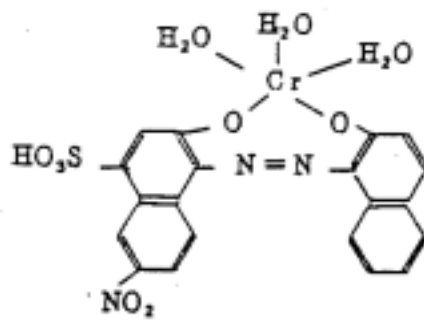
1 : 2 가

1 : 2 sulfon (-SO₃H) 가 가 , -
SO₂CH₃, -SO₂NH₂, -SO₂NHR(R=Alkyl)

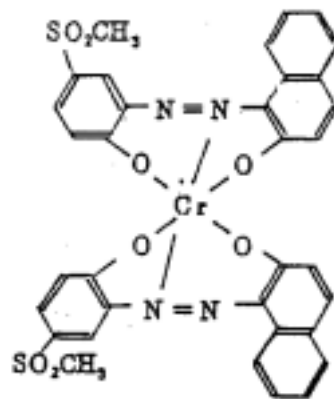
가 sulfon 가

sulfon 1:2 가 가

nylon ,



(1:1) Acid Black 52:1



(1:2) Acid Violet 78

1921	1922	N-Alkyl amino
azo Aminoanthraquinone	ω -Methane-sulfon	ionamine
가 .		ω -Methane-sulfon
		가
, 가	가	



Acetate I.G. cellition 가

Polyester Acetate 가 ,
polyester , build up , ,

polyester

가

1982 Color Index 3rd Edition

1206

400~500

Azo-benzen(Naphthalene)

Anthraqui

none

Quinoline

Azo

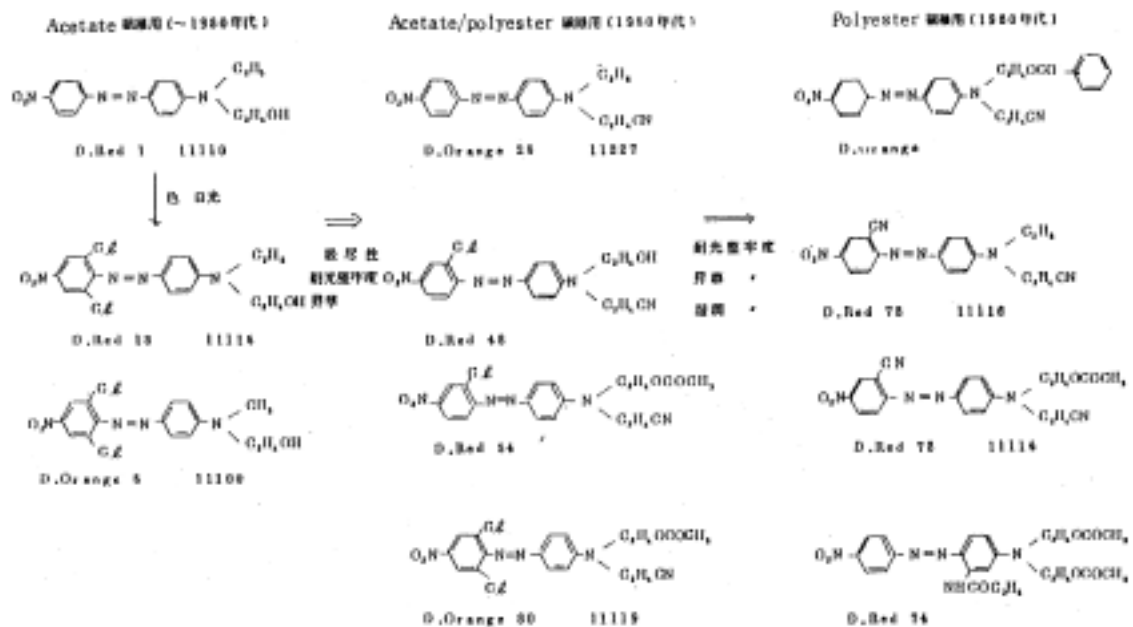
Azo benzene

~ Azo benzene

acetate

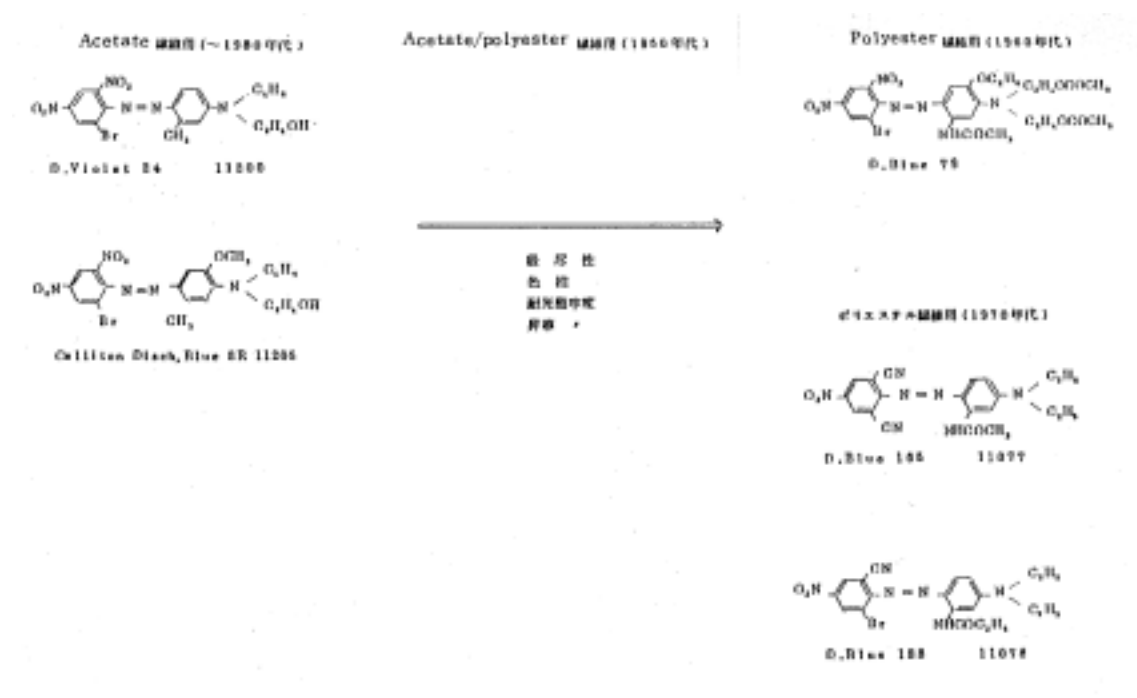
polyester

< 5>



< 5> Azo-benzene (~)

Acetate amino azo benzene
 Hydroxy ethyl , polyester
 Hydroxy ethyl ester Acetoxy ethyl 가
 , , CN ,
 Halogen phenyl .



< 6> Azo-benzene (~)

Diazo

가 , 가 -NO₂ ,
 가 . < 6> acetate
 , 1950 polyester
 Anthraquinone Azo benzene
 가 . 1960 Disperse Blue 79

1970

~

가

Azo Benzene

,

, pH , ,

Anthraquinone

<

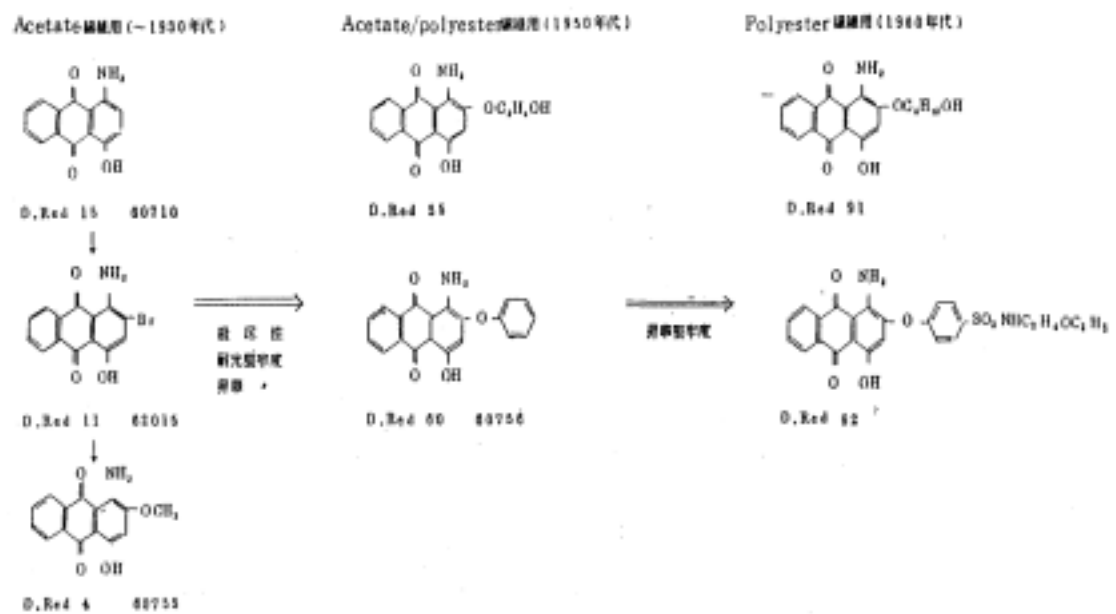
7>

acetate

1-Amino-4-hydroxy-anthraquinone

polyester

, ,



< 7> Anthraquinone ()

Anthraquinone

<

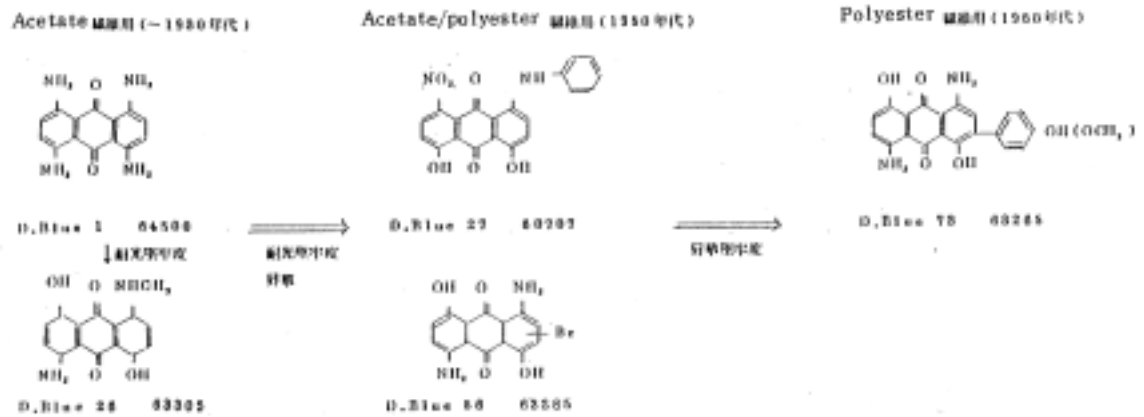
8>

1, 4,

5, 8 - Teta amino anthraquinone

Hydroxy

brome , 3 , , 가



< 8> Anthraquinone ()

Azo benzene Anthraquinone acetate

polyester , , ,

가

諸 가

/ E, SE, S(FS SF) 3

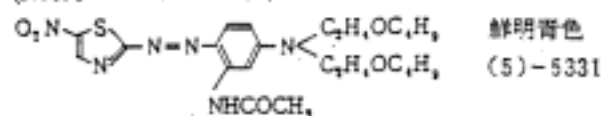
Azo benzene Anthraquinone 1 ,

가 가 Azo (Thiazol,

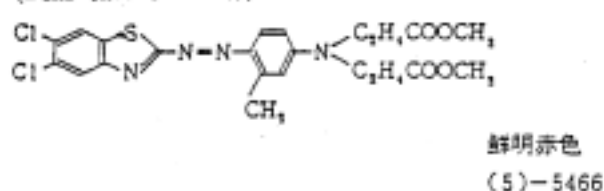
Benz thiazol, Thio thiazol, Thiophen, Imidazol, pyridone 가

)

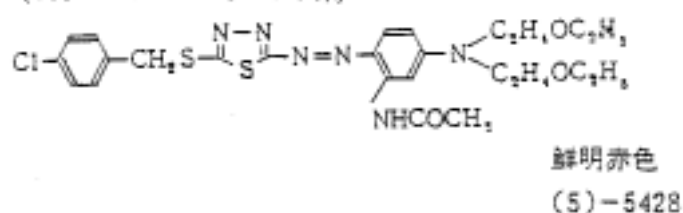
(Nitro-thiazol-azo 系)



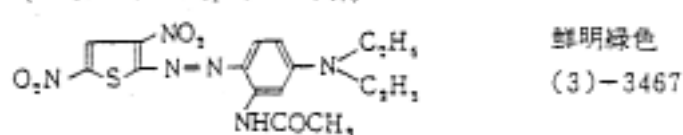
(Benz-thiazol-azo 系)



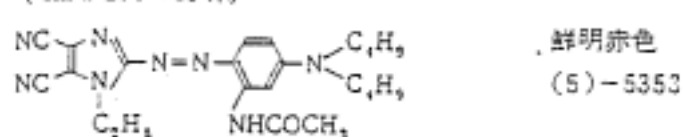
(Iso-thio-thiazol-azo 系)



(Di-Nitro-thiophen-azo 系)

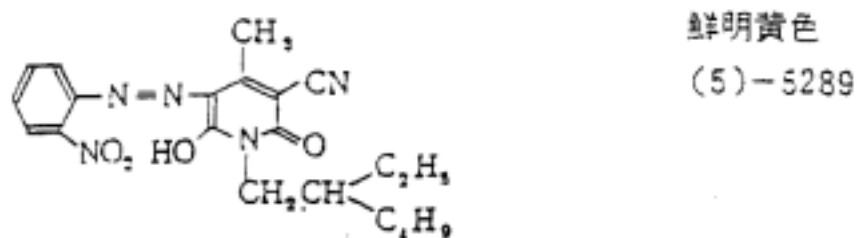


(Imidazol-azo 系)



pyridone

가



(數字는 新規化學物質의 整理番號)