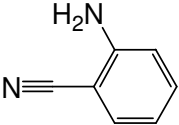
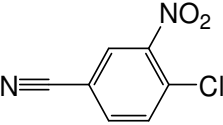
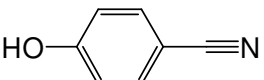
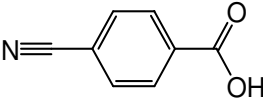
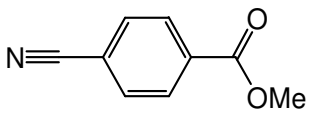
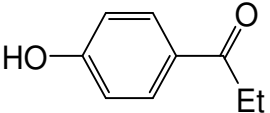
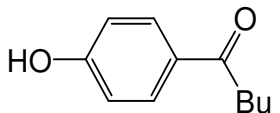
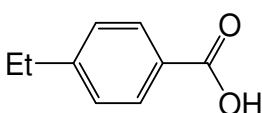
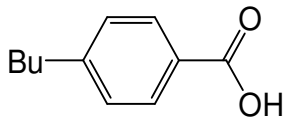
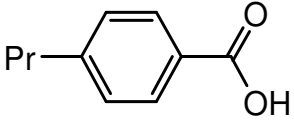
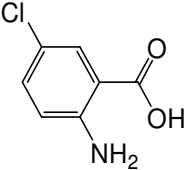
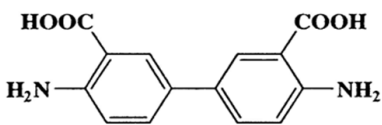
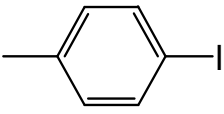
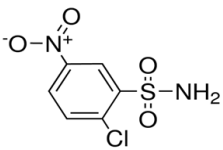
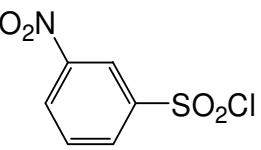
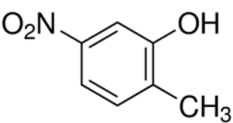
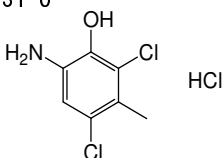
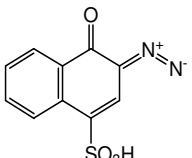
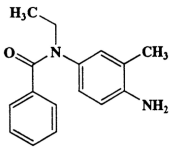
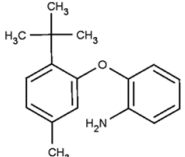
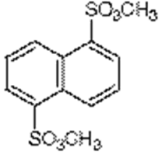
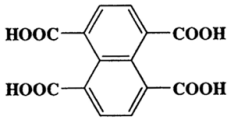
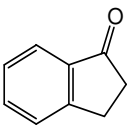
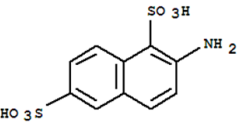
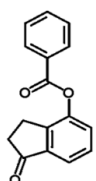
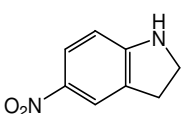
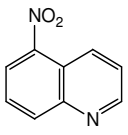
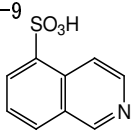
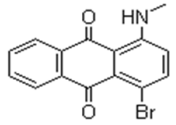
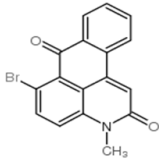
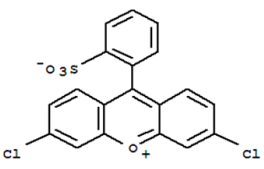


Name : Product Name		Stage : 1 Laboratory 2.Pilot product 3. Commercial	
No.1 Name : 2-ABN 2-Aminobenzonitril CAS 1885-29-6		No.2 Name CNBN 4-Chloro-3-nitrobenzonitrile CAS 939-80-0	
No.3 Name 4-HBN 4-Hydroxybenzonitrile CAS 767-00-0		No.4 Name : PCNBA 4-Cyanobenzoic acid CAS 619-65-8	
No.5 Name : PCBAM Methyl 4-cyanobenzoate CAS 1129-35-7		No.6 Name PHPP 4-Hydroxypropiophenone CAS 70-70-2	
No.7 Name : PHVPN 4-Hydroxyvalerophenone CAS 2589-71-1		No.8 Name PEBA 4-Ethylbenzoic acid CAS 619-64-7	
No.9 Name : PBBA 4-Butylbenzoic acid CAS 20651-71-2		No.10 Name PPBA 4-Propylbenzoic acid CAS 2438-05-3	
No.11 Name : 5-CAA 2-Amino-5-chlorobenzoic acid CAS 635-21-2		No.12 Name COB 4,4'-Diaminobiphenyl-3,3'-dicarboxylic acid CAS 2130-56-5	

Name : Product Name		Stage : 1 Laboratory 2.Pilot product 3. Commercial	
No.13 Name : 4-Iodotoluene 4-Iodotoluene CAS 624-31-7		<u>Stage : 2</u>	No.14 Name : NBSC 3-Nitrobenzenesulfonyl chloride CAS 121-51-7
No.15 Name : PNSA 2-Chloro-5-nitrobenzenesulfonamide CAS 96-72-0		<u>Stage : 2</u>	
No.16 Name : NOC 5-nitro-o-cresol CAS 5428-54-6	No.17 Name : ADC-Cresol 6-Amino-2,4-dichloro-3-methylphenol hydrochloride CAS 39549-31-0	<u>Stage : 1</u>	
No.18 Name : DNS-214 2-Diazo-1-naphthol-4-sulfonic acid CAS 20680-48-2		<u>Stage : 3</u>	
No.19 Name : SR Base 3'-Methyl-4'-amino-N-ethylbenzanilide CAS 5856-00-8	No.20 Name : R274 Base 2-tert.-Butyl-5-methyl-2'-aminodiphenyl ether CAS 20349-42-2	<u>Stage : 3</u>	
No.21 Name : 1,5-NDSME 1,5-Naphthalenedisulfonic acid dimethyl ester CAS 20779-13-9	No.22 Name : 2A16S 2-Aminonaphthalene-1,6-disulfonic acid CAS 19532-04-8	<u>Stage : 3</u>	
No.23 Name : NTC 1,4,5,8-Naphthalenetetracarboxylic acid * (contains monoanhydride) CAS 128-97-2	No.24 Name : 1-Indanone 2,3-Dihydro-1H-inden-1-one CAS 83-33-0	<u>Stage : 3</u>	
		<u>Stage : 2</u>	

Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

<p>No.25 Name : KID 4-(Benzoyl)-1-indanone CAS 59725-61-0</p> 	<p>No.26 Name : 5-NIDLN 5-Nitroindoline CAS 32692-19-6</p> 
<p>No.27 Name : 5-NQ 5-Nitroquinoline CAS 607-34-1</p> 	<p>No.28 Name : 5-SIQ 5-Isoquinolinesulfonic acid CAS 27655-40-9</p> 
<p>No.29 Name : BMA 4-Bromo-1-methylaminoanthraquinone CAS 128-93-8</p> 	<p>No.30 Name : BMAP 4-Bromo-N-methylanthrapyridone CAS 81-85-6</p> 
<p>No.31 Name : DCSF 3,6-Dichloro-9-(2-sulphonatophenyl)xanthylium CAS 56046-85-6</p> 	

## INDEX

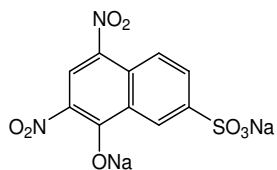
<u>CAS No.</u>	<u>Name</u>
81-85-6	4-Bromo-N-methylanthrapyridone
70-70-2	4-Hydroxypropiophenone
83-33-0	2,3-Dihydro-1H-inden-1-one
96-72-0	2-Chloro-5-nitrobenzenesulfonamide
121-51-7	3-Nitrobenzenesulfonyl chloride
128-93-8	4-Bromo-1-methylaminoanthraquinone
128-97-2	1,4,5,8-Naphthalenetetracarboxylic acid * (contains monoanhydride)
607-34-1	5-Nitroquinoline
619-64-7	4-Ethylbenzoic acid
619-65-8	4-Cyanobenzoic acid
624-31-7	4-Iodotoluene
635-21-2	2-Amino-5-chlorobenzoic acid
767-00-0	4-Hydroxybenzotrile
939-80-0	4-Chloro-3-nitrobenzotrile
1129-35-7	Methyl 4-cyanobenzoate
1885-29-6	2-Aminobenzotrile
2130-56-5	4,4-Diaminobiphenyl-3,3'-dicarboxylic acid
2438-05-3	4-Propylbenzoic acid
2589-71-1	4-Hydroxyvalerophenone
5428-54-6	5-nitro-o-cresol
5856-00-8	3'-Methyl-4'-amino-N-ethylbenzanilide
19532-04-8	2-Aminonaphthalene-1,6-disulfonic acid
20349-42-2	2-tert.-Butyl-5-methyl-2'-aminodiphenyl ether
20651-71-2	4-Butylbenzoic acid
20680-48-2	2-Diazo-1-naphthol-4-sulfonic acid
20779-13-9	1,5-Naphthalenedisulfonic acid dimethyl ester
27655-40-9	5-Isoquinolinesulfonic acid
32692-19-6	5-Nitroindoline
39549-31-0	6-Amino-2,4-dichloro-3-methylphenol hydrochloride
56046-85-6	3,6-Dichloro-9-(2-sulphonatophenyl)xanthylium
59725-61-0	4-(Benzoyl)-1-indanone

No.32 stage: 3

Name : Acid Naphthol Yellow S \*(wet cake)

C.I Acid Yellow 1

CAS 846-70-8

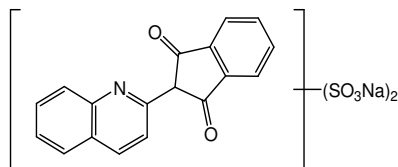


No.33 stage: 3

Name : Acid Quinoline Yellow WS

C.I Acid Yellow 3

CAS 8004-92-0

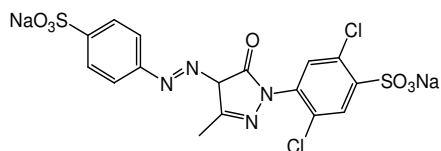


No.34 stage: 3

Name : Chuganol Yellow GG

C.I Acid Yellow 17

CAS 6359-98-4

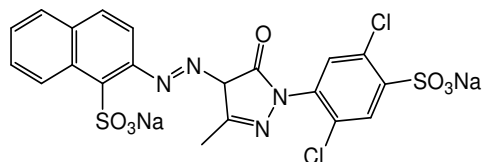


No.35 stage: 3

Name : Chugacid Light Yellow CRN

C.I Acid Yellow 19

CAS 12220-64-3

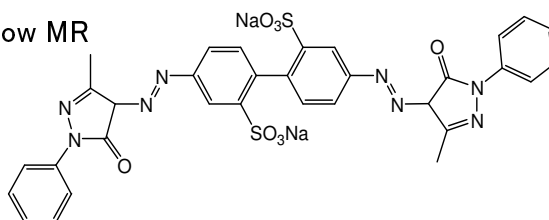


No.36 stage: 3

Name : Chuganol Milling Yellow MR

C.I Acid Yellow 42

CAS 6375-55-9



Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

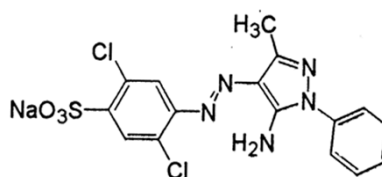
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Stage : 3

Name : Chugacid Yellow GR

C.I Acid Yellow 49

CAS 12239-15-5



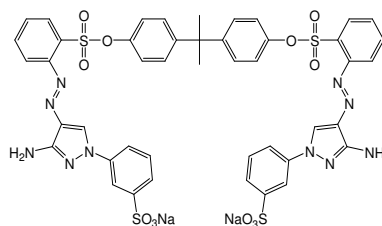
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stage: 3

Name : Chuganol Milling Yellow 4G

C.I Acid Yellow 79

CAS 12220-70-1

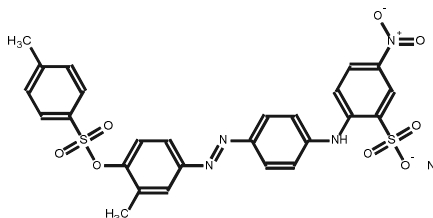


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Stage : 3

Name : Chuganol Fast Yellow G conc

CAS 83006-49-9



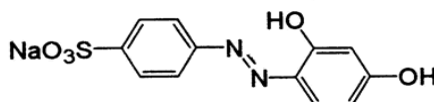
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Stage : 3

Name : Acid Leather Yellow R

C.I Acid Orange 6

CAS 5554-57-9



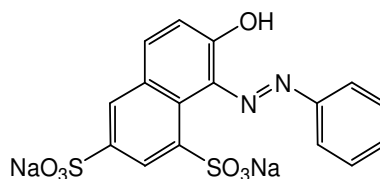
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Stage : 3

Name : Chuganol Light Orange GX

C.I Acid Orange 10

CAS 1936-15-8



Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

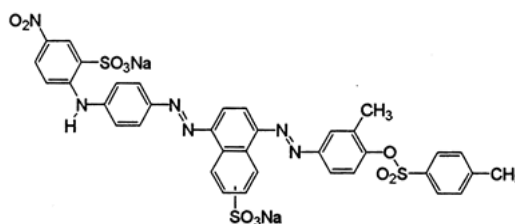
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Stage : 3

Name : Chuganol Milling Brown 5R

C.I Acid Orange 51

CAS 8003-88-1



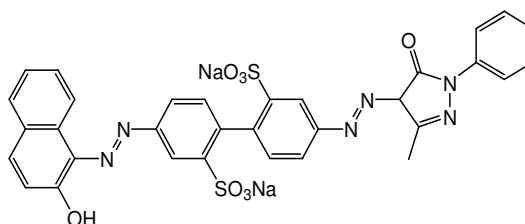
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Stage : 3

Name : Chuganol Milling Orange SG

C.I Acid Orange 56

CAS 6470-20-8



No.44

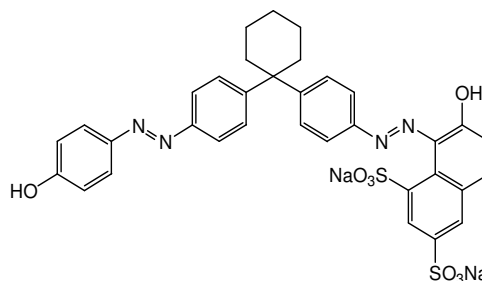
Stage : 3

Name : Chuganol Milling Orange GSN

C.I Acid Orange 95

CAS 12217-33-3

(C.I Acid Orange 33 ; CAS 6507-77-3)



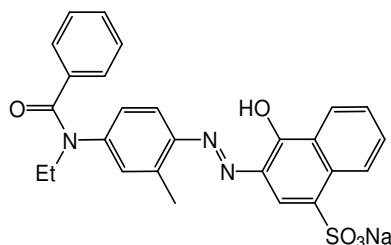
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Stage : 3

Name : Chuganol Fast Red B s/c

C.I Acid Red 6

CAS 6245-59-6



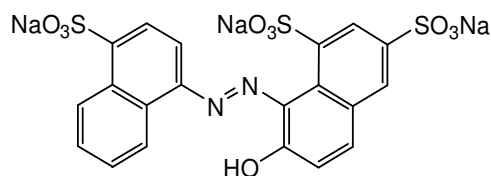
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Stage : 3

Name : Acid Scarlet 3R s/c

C.I Acid Red 18

CAS 2611-82-7



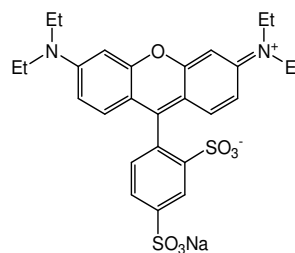
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Stage : 3

Name : Acid Rhodamine B

C.I Acid Red 52

CAS 3520-42-1



Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

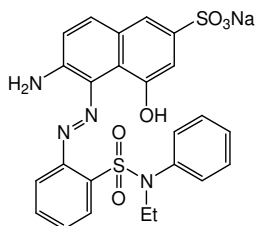
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Stage : 3

Name : Acid Red 57

C.I Acid Red 57

CAS 12217-34-4



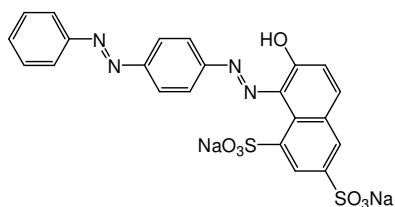
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Stage : 3

Name : Chugacid Red FCH

C.I Acid Red 73

CAS 5413-75-2



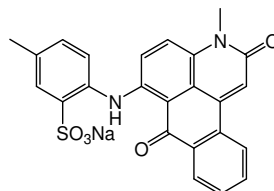
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Stage : 3

Name : Chugacid Rubinol 3B

C.I Acid Red 80

CAS 4478-76-6



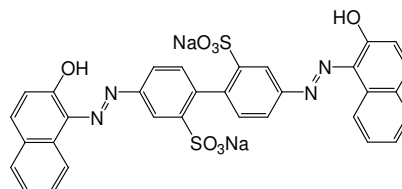
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Stage : 3

Name : Chuganol Anthracen Red G

C.I Acid Red 97

CAS 10169-02-5



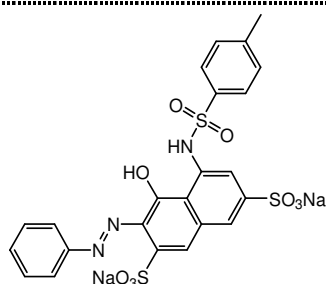
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Stage : 3

Name : Acid Red 106

C.I Acid Red 106

CAS 6844-74-2



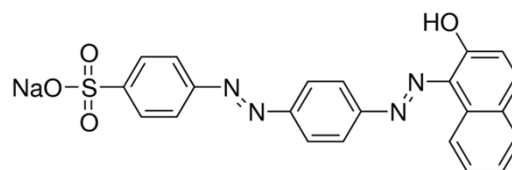
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Stage : 3

Name : Acid Red 151

C.I Acid Red 151

CAS 6406-56-0





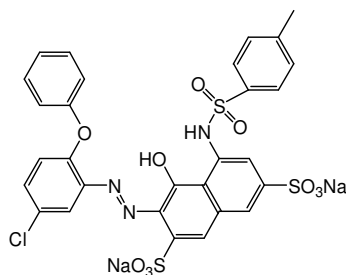
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Stage: 2~3

Name : Chuganol Milling Brilliant Red B

C.I Acid Red 249

CAS 6416-66-6



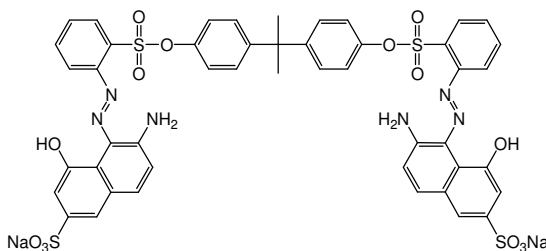
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Stage : 3

Name : Chuganol Milling Red RLS

C.I Acid Red 260

CAS 12239-07-5



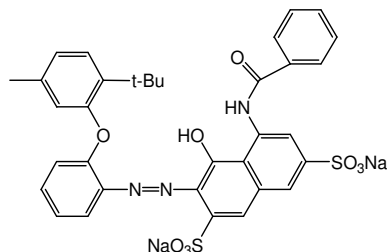
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Stage : 3

Name : Acid Red 274

C.I Acid Red 274

CAS 61931-18-8



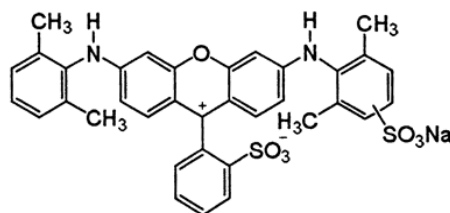
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Stage : 3

Name : Chugai Aminol Fast Pink R

C.I Acid Red 289

CAS 12220-28-9



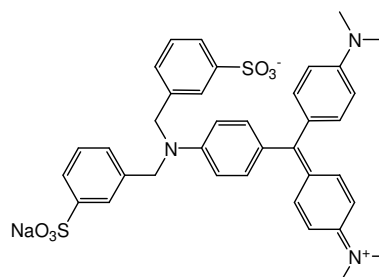
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Stage : 3

Name : Chuganol Violet 4BL

C.I Acid Violet 21

CAS 5905-37-3



Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

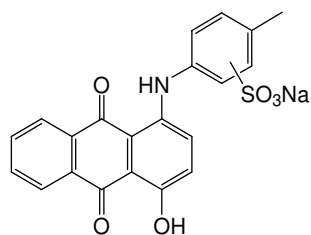
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Stage : 2

Name : Chuganol Violet 3BN

C.I Acid Violet 43

CAS 4430-18-6



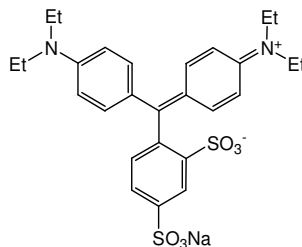
No.60

Stage : 3

Name : Acid Pure Blue VX

C.I Acid Blue 1

CAS 129-17-9



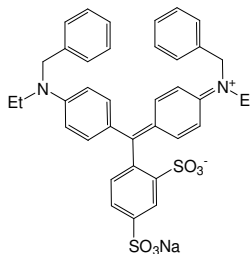
No.61

Stage : 3

Name : Acid Brilliant Blue AF

C.I Acid Blue 7

CAS 3486-30-4



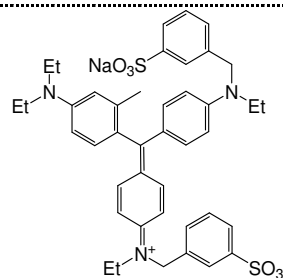
No.62

Stage : 3

Name : Acid Brilliant Blue R

C.I Acid Blue 15

CAS 5863-46-7



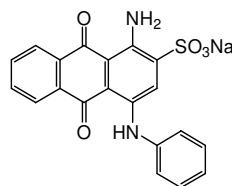
No.63

Stage : 3

Name : Chugacid Light Blue A

C.I Acid Blue 25

CAS 6408-78-2



Name : Product Name

Stage : 1 Laboratory 2.Pilot product 3. Commercial

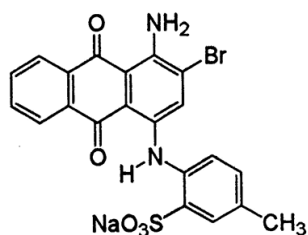
No.64

Stage : 3

Name : Chugacid Light Sky Blue B

C.I Acid Blue 78

CAS 6424-75-5



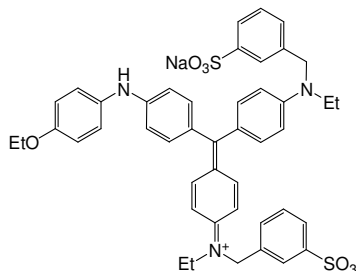
No.65

Stage : 3

Name : Chuganol Blue 6B

C.I Acid Blue 83

CAS 6104-59-2



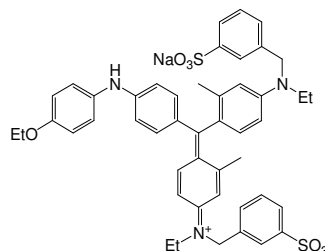
No.66

Stage : 3

Name : Chuganol Blue G

C.I Acid Blue 90

CAS 6104-58-1



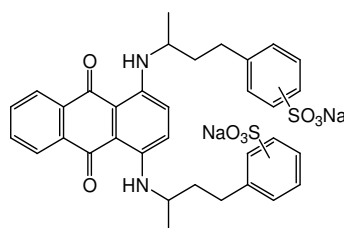
No.67

Stage : 3

Name : Chuganol Milling Blue SE

C.I Acid Blue 112

CAS 12219-19-1



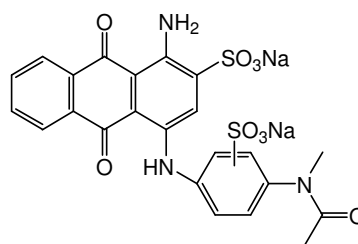
No.68

Stage : 3

Name : Chugacid Light Blue RLC

C.I Acid Blue 182

CAS 12219-26-0



Name : Product Name

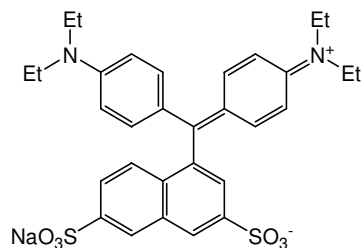
Stage : 1 Laboratory 2.Pilot product 3. Commercial

No.69

Name : Acid Green V

C.I Acid Green 16

CAS 12768-78-4



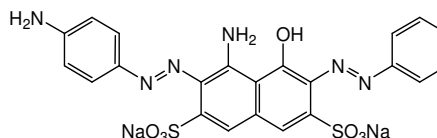
Stage : 3

No.70

Name : Chugacid Azo Dark Green A

C.I Acid Green 20

CAS 5850-39-5



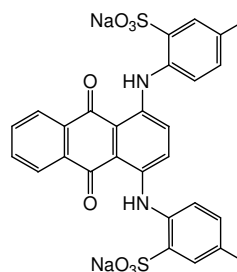
Stage : 3

No.71

Name : Chuganol Cyanine Green G

C.I Acid Green 25

CAS 4403-90-1



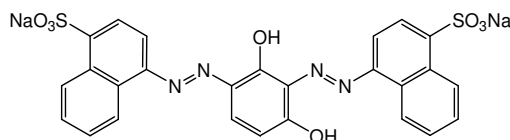
Stage : 3

No.72

Name : Chuganol Resorcine Brown R

C.I Acid Brown 14

CAS 5850-16-8



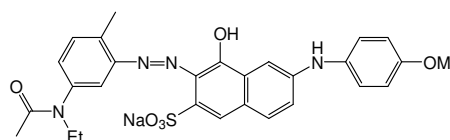
Stage : 3

No.73

Name : Chuganol Fast Brown GN

C.I Acid Brown 20

CAS 6369-33-1



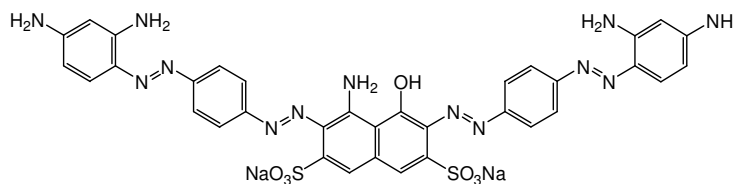
Stage : 3

No.74

Name : Direct Black 19

C.I Direct Black 19

CAS 6428-31-5



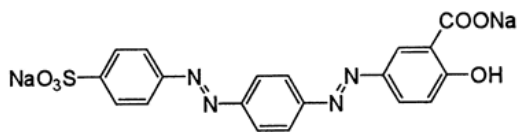
Stage : 2

No.75 Stage : 3

Name : Chrome Fast Orange GR

C.I Mordant Orange 6

CAS 3564-27-0

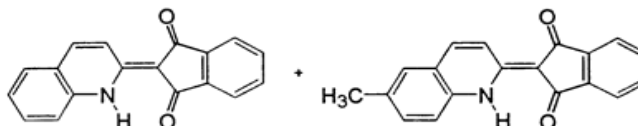


No.76 Stage : 3

Name : Quinoline Yellow SS

C.I Solvent Yellow 33

CAS 8003-22-3



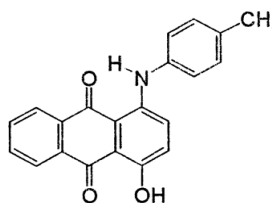
No.77 Stage : 3

Name : Solvent Blue 90

C.I Solvent Blue 90

CAS 2013-52-5

(C.I Solvent Violet 13 ; CAS 81-48-1)

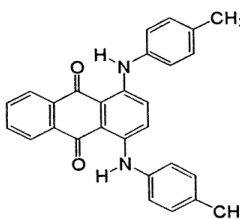


No.78 Stage : 3

Name : Quinizarin Green SS

C.I Solvent Green 3

CAS 128-80-3

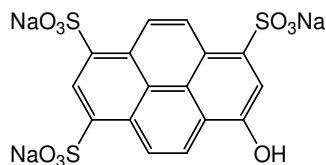


No.79 Stage : 3

Name : Pyranine conc

C.I Solvent Green 7

CAS 6358-69-6

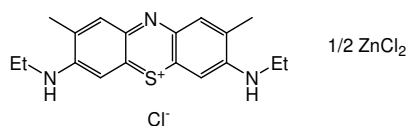


No.80 Stage : 1

Name : New Methylene Blue

C.I Basic Blue 24

CAS 6586-05-6



Name : Product Name

Stage : 1 laboratory 2.Pilot product 3. commercial

No.81

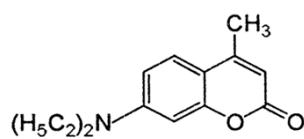
Stage : 2

Name : Chugai White A

4-Methyl-7-(diethylamino)coumarin

C.I Fluorescent Brightener 52

CAS 91-44-1



No.87

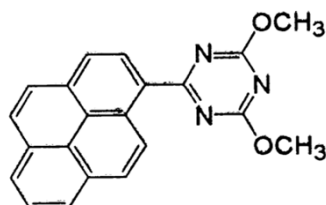
Stage : 2

Name : FB-179

1-(4,6-Dimethoxy-1,3,5-triazin-2-yl)pyrene

C.I Fluorescent Brightener 179

CAS 12224-35-0

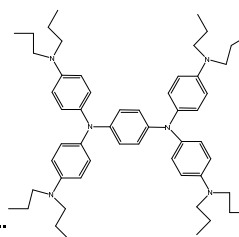


No.88

Stage : 3

Name : N,N,N',N'-tetrakis[4-(dipropylamino)phenyl]-1,4-phenylenediamine

CAS

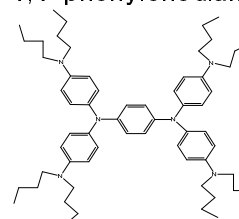


No.89

stage: 3

Name : N,N,N',N'-tetrakis[4-(dibutylamino)phenyl]-1,4-phenylenediamine

CAS 4182-80-3



No.90

stage: 3

Name : N,N,N',N'-tetrakis[4-[bis(2-methylpropyl)amino]phenyl]-1,4-phenylenediamine

CAS 485831-34-3

