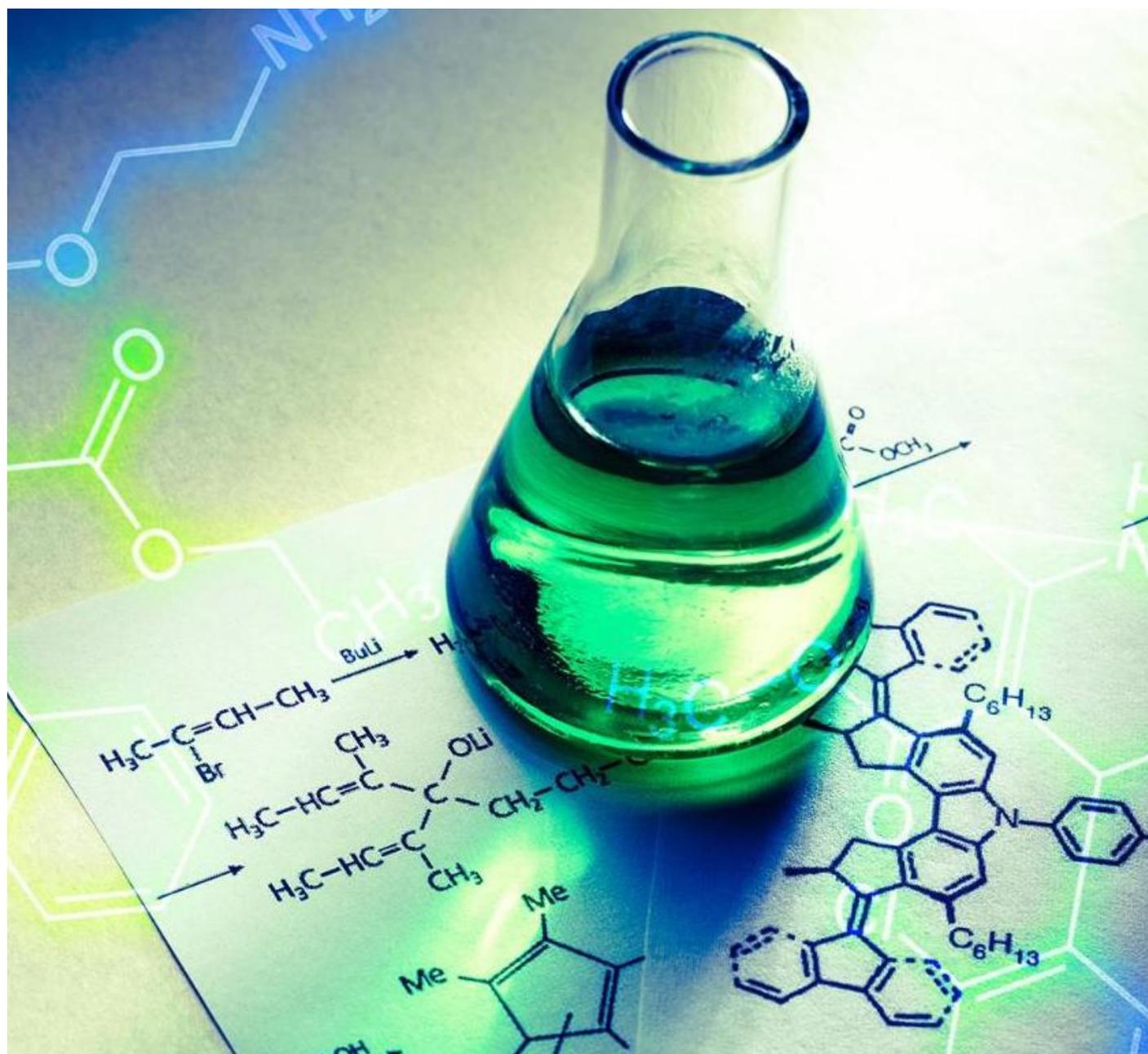




*Chemically Proven Excellence ...*

## Decades old Legacy...

ATUL INTERMEDIATES is one of the leading manufacturers & exporters of Dye Intermediates & Chemicals from the industrial state of Gujarat, INDIA. We manufacture a wide range of Chemicals & Dye intermediates to cater to the Dyestuffs & Pigment Industry world over. We have been pioneers in such chemicals for over 3 decades and we are one among the oldest Dye Intermediate manufacturers in India. Our plant is located in Naroda industrial area of Ahmedabad district in Gujarat, India.



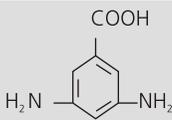
## *Manufacturing Excellence...*

We at ATUL INTERMEDIATES believe in nurturing long term partnership with our customers and the cornerstone of such long-term alliance is our reliability as a quality conscious supplier. This reliability stems from our commitment to stringent quality norms & manufacturing excellence. Our state-of-the-art manufacturing plant located in Naroda GIDC, Ahmedabad, Gujarat is run by a team of qualified Chemical industry experts having decades of experience in this field. The products are manufactured and packed under extremely hygienic conditions and under the strict supervision of highly skilled technicians ensuring that our legacy continues for decades.

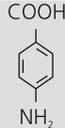


## Basket of Dye Intermediates...

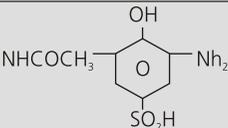
### 3'5 Di Amino Benzoic Acid

1	Product Name	3'5 Di Amino Benzoic Acid
2	CAS No.	535 - 87 - 5
3	Structural Formula	
4	Empirical Formula	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub>
5	Molecular Weight	152.15
6	Synonyms	3'5 DABA
7	Appearance	Light Beigh Colour Powder
8	Solubility	
9	Insoluble	0.25% Max
10	HPLC Analysis	98.50% Min.
11	Melting Range	233 - 254 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	98.00% Min.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

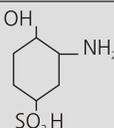
### Para Amino Benzoic Acid

1	Product Name	Para Amino Benzoic Acid (PABA)
2	CAS No.	150 -13 - 0
3	Structural Formula	
4	Empirical Formula	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>
5	Molecular Weight	137.14
6	Synonyms	4 - Amino Benzoic Acid, PABA
7	Appearance	White to offwhite Powder
8	Solubility	
9	Insoluble	0.25% Max
10	HPLC Analysis	98.50% Min.
11	Melting Range	233 - 254 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	98.00% Min.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

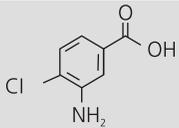
### 6 Acetyl O.A.P.S.A

1	Product Name	6 Acetyl O.A.P.S.A
2	CAS No.	40306 - 75 - 0
3	Structural Formula	
4	Empirical Formula	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub> S
5	Molecular Weight	246
6	Synonyms	6 Acetyl amino 2 Amino Phenol 4 Sulphonic Acid
7	Appearance	Light Pinkish Powder
8	Solubility	Solunlein Alkaline Solution
9	Insoluble	0.10% Max.
10	HPLC Analysis	
11	Melting Range	> 300 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	75.00% Min.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

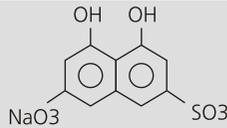
### O.A.P.S.A

1	Product Name	O.A.P.S.A
2	CAS No.	98 - 37 - 3
3	Structural Formula	
4	Empirical Formula	C <sub>6</sub> H <sub>7</sub> O <sub>4</sub> NS
5	Molecular Weight	189
6	Synonyms	2 Amino Phenol 4 Sulfonic Acid
7	Appearance	Light Brownish Powder
8	Solubility	Soluble in Alkaline Solution
9	Insoluble	0.1% Max
10	HPLC Analysis	
11	Melting Range	>300 °C
12	Moisture (%byKF)	
13	Purity	90% Min.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

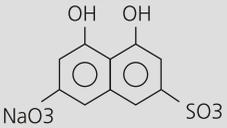
### 3 Amino 4Chloro Benzoic Acid (CABA)

1	Product Name	3 Amino 4 Chloro Benzoic Acid (CABA)
2	CAS No.	2840 - 28 - 0
3	Structural Formula	
4	Empirical Formula	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> NC <sub>1</sub>
5	Molecular Weight	171.58
6	Synonyms	3 Amino 4 Chloro Benzoic Acid (CABA)
7	Appearance	Off White Power
8	Solubility	
9	Insoluble	0.10% Max
10	HPLC Analysis	99.00% Min.
11	Melting Range	214 - 216 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	98.50% Min.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

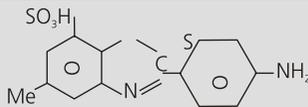
### Chromotropic Acid MW 364

1	Product Name	Chromotropic Acid (Monosodium Salt)
2	CAS No.	129 - 96 - 4
3	Structural Formula	
4	Empirical Formula	C <sub>10</sub> H <sub>6</sub> O <sub>8</sub> NaS <sub>2</sub>
5	Molecular Weight	364
6	Synonyms	.
7	Appearance	Greyish Dry Powder
8	Solubility	Soluble in Dilute Alkaline Solution
9	Insoluble	0.12% Max, 0.01% Max. Acid Content
10	HPLC Analysis	91.25% Min.
11	Melting Range	
12	Moisture (%byKF)	
13	Purity by C.V.	91%Min. On Mw365
14	Standard Packing	25/50 Kgs Net in HDPE Bags with Polythene Liner Inside
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

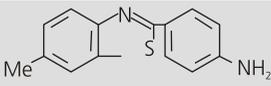
### Chromotropic Acid MW 320

1	Product Name	Chromotropic Acid
2	CAS No.	129 - 96 - 4
3	Structural Formula	
4	Empirical Formula	C <sub>10</sub> H <sub>6</sub> O <sub>8</sub> NaS <sub>2</sub>
5	Molecular Weight	320.27 (Free Acid)
6	Synonyms	4,5-Dihydroxy Naphthalene-2,7-Disulphonic Acid
7	Appearance	Greyish Powder
8	Solubility	
9	Insoluble	0.01%Max. Alkaline Insoluble
10	HPLC Analysis	98.00% Min.
11	Melting Range	
12	Moisture (%byKF)	
13	Purity by C.V.	67 to 70% Min. On Mw320
14	Standard Packing	25/50 Kgs Net in HDPE Bags with Polythene Liner Inside
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

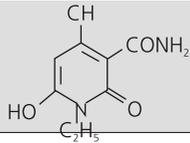
### D.T.P.T.S.A.

1	Product Name	De-Hydrothiopa Toluidine Sulphonic Acid
2	CAS No.	130 - 17 - 7
3	Structural Formula	
4	Empirical Formula	C <sub>14</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
5	Molecular Weight	320.40
6	Synonyms	DTPTSA
7	Appearance	Yellow to Brownish Power
8	Solubility	
9	Insoluble	0.50% Max
10	HPLC Analysis	% Min
11	Melting Range	>300 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	70.00% Min. By N.V.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

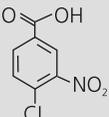
## D.T.P.T

1	Product Name	De-Hydrothio-p-toluidine (DTPT)
2	CAS No.	92 - 36 - 4 NH <sub>2</sub>
3	Structural Formula	
4	Empirical Formula	C <sub>14</sub> H <sub>12</sub> N <sub>2</sub> S
5	Molecular Weight	240.34
6	Synonyms	Methylenzothiazole:2-(p Aminopheny)-6-memthyl benzothiazole;4-(6-methyl-2-Benzothiazoly)
7	Appearance	Light Green Coloured Powder
8	Solubility	>10g/100ml at 20 (in Water)
9	Insoluble	% Max
10	HPLC Analysis	% Min.
11	Melting Range	191 - 196 °C
12	Moisture (%byKF)	0.50% Max.
13	Purity	98.00% Min. By N.V.
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

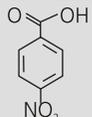
## 2 - Pyridone

1	Product Name	2 - Pyridone
2	CAS No.	29097 - 12 - 9
3	Structural Formula	
4	Empirical Formula	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
5	Molecular Weight	196.2
6	Synonyms	3-Carbamoyl4-Methyl6-Hydroxy1-Ethyl-2-Pyridone(2-PYRIDONE)
7	Appearance	Slightly Creamish White Powder
8	Solubility	
9	Insoluble	0.20% Max
10	HPLC Analysis	98% Min.
11	Melting Range	°C
12	Moisture (%byKF)	.
13	Purity	98.00% Min. Dry Powder
14	Standard Packing	25 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

## 4 Chloro 3 Nitro Benzoic Acid

1	Product Name	4 Chloro 3 Nitro Benzoic Acid
2	CAS No.	96-99-1
3	Structural Formula	
4	Empirical Formula	C <sub>8</sub> H <sub>6</sub> ClNO <sub>3</sub>
5	Molecular Weight	201.5
6	Synonyms	4 Chloro 3 Nitro Benzoic Acid
7	Appearance	Off White To Light Yellow Crystalline Powder
8	Solubility	Soluble in Alkaline Solution
9	Insoluble	0.10% Max.
10	HPLC Analysis	99.00% Min.
11	Melting Range	178-183 °C
12	Moisture (%byKF)	0.30 % Max.
13	Purity	98.50% Min.
14	Standard Packing	50 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

## 4 Nitro Benzoic Acid / Para Nitro Benzoic Acid

1	Product Name	4 Nitro Benzoic Acid / Para Nitro Benzoic Acid
2	CAS No.	62-23-7
3	Structural Formula	
4	Empirical Formula	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub>
5	Molecular Weight	167.12
6	Synonyms	4 Nitro Benzoic Acid/ PNBA
7	Appearance	Off White To Light Yellow Crystalline
8	Solubility	Soluble in Alkaline Solution
9	Insoluble	0.10% Max.
10	HPLC Analysis	99.00% Min.
11	Melting Range	239 - 242 °C
12	Moisture (%byKF)	0.30 % Max.
13	Purity	99.00% Min.
14	Standard Packing	50 Kgs in Polyline HDPE Bags
15	Storage	Keep in a Coll and dry Place, Away from source of heat, moisture, Dust and incompatibilities.

## *Consistent Quality...*

As we believe that quality is the foundation on which the customer trust and relationship grow, we maintain highest level of quality standards based on internationally accepted benchmarks. All inbound raw materials are strictly subjected to thorough quality checking and we do not compromise on this aspect, which is clearly understood and respected by all our Indian as well as overseas suppliers. Our team of quality experts pay complete attention to pre-set quality norms during the manufacturing process as well as on the finished goods. Every batch of final product is subjected to prescribed evaluation procedures at our in house Quality laboratory, thus ensuring consistent quality of products and customer satisfaction



## *Care for the Environment...*

We take adequate care to ensure that our environment is not adversely impacted by the manufacturing process. We have installed primary effluent treatment plant at our premises where the effluents are treated primarily. Being the member of the common effluent treatment facility provided by the industrial association, the secondary treatment is well taken care of. Thus, we strictly adhere to the environment norms of the state and the country. This ensures seamless production at our plant and customers can be assured of continuous and timely shipments.



# ATUL INTERMEDIATES

**Manufacturers of Dye Intermediates**

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