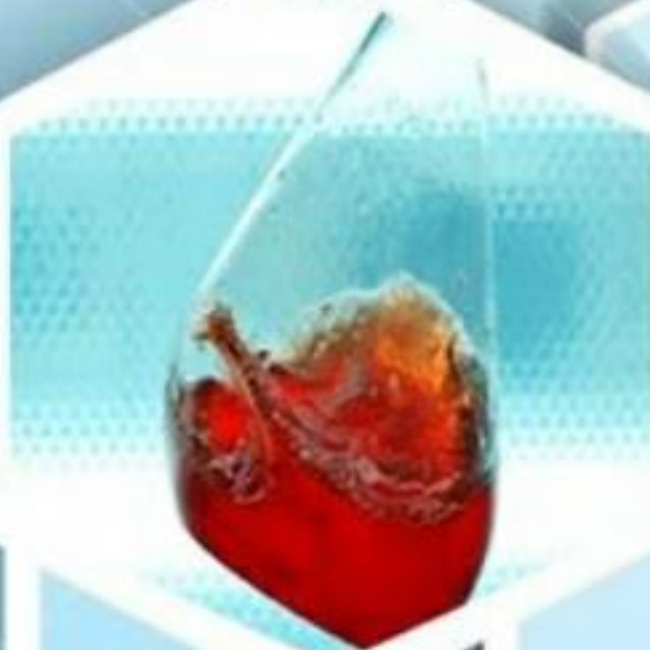




LEEDSKEM (INDIA) LTD.
(Specialty Chemicals Division)

Specialty Chemical & Pharma Intermediate





Leedschem (India) Ltd
Specialty Chemicals & Pharma Intermediate Manufacturer

Over the Last 35 Years Leedschem has changed from a Typical Manufacturing Unit to a Modern Speciality Chemicals & Pharma Intermediate Manufacturing Company

LEEDSKEM (INDIA) LTD (Specialty Chemicals Division) was established way back in 1979 and became public limited in 1997. Since its inception, the Company has established a strong presence in intermediates of an API's of therapeutic groups like Anti-Platelets agent like Clopidogrel, 2nd generation cephalosporin Anti-biotic like Cefaclor and more. The Company manufactures bromine derivatives and its intermediates for the therapeutic group of Anti-arthritis, Anti-fungal, Antibiotics, ACE inhibitors, besides its range in anti-diabetic, anti-cholinergic, sedatives and anti-depressant drugs.

The Company aims at becoming the first choice of this expanding market through better products, ensuring quality and timely delivery. Keeping pace with our untiring commitment to customer satisfaction through quality assurance, we also take utmost care to ensure delivery schedule and packing obligations. An utmost concern and commitment towards quality, packing and delivery schedule is a decisive factor for worldwide acceptance of our products. The Company has also acquired certificates of ISO 9001-2008, ISO 14001-2004 and OHSAS 18001-2007

With world-class technology and a team of strong professionals, we have built sites and systems that meet the most stringent international manufacturing standards. Expert quality teams ensure that systems and processes remain in compliance with the latest standards.

The company has established a global presence through the export of its range of products to USA, Europe, Japan, Taiwan etc.







Our Vision

We want to take the company to number one position in India with good balance of domestic and overseas market share. The contributors for achieving this goal are identified as;

- Continuous strengthening of R & D
- Continuous up gradation of manufacturing facilities
- Continuous up gradation of analytical facilities
- Generating IPR
- Strengthening HR
- Expanding marketing network

During this journey our emphasis will always be on clean environment and betterment of human race.

Business Modules:

We have strong presence in following business modules;

- Contract R&D
- Campaign Manufacturing
- Pharmaceutical Intermediate
- Manufacturing Specialty Chemicals
- Manufacturing API's Bulk Drugs
- Manufacturing Agrochemical Intermediate
- Manufacturing Plant Growth Promoters
- Manufacturing Agro Bio-Controlled Products
- Manufacturing Aromatic Natural Oil & Derivatives
- Cultivating Medicinal Herbs



Reaction Capabilities:

- Acylation
- Acetylation
- Oxidation
- Condensation
- PTC reactions
- Hydrogenation without pressure
- Nitration
- Bromination
- Chlorination
- Chlorination in Situ
- Cyanation
- Grignard reactions
- Diazotization
- Fridle Craft
- Methylation
- Hydrogenation
- Dry Chemistry
- Any challenging reactions.....



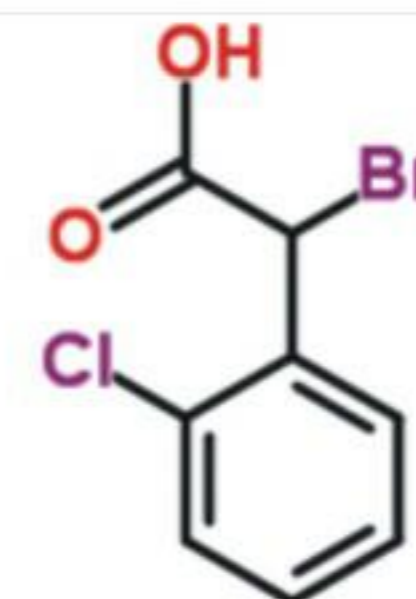


Our Key Products



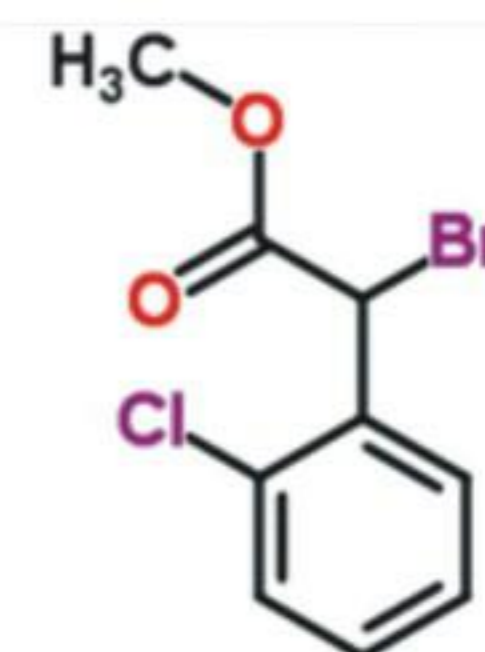
Alpha-Bromo-2-Chloro Phenyl Acetic Acid

CAS NO.	: 141109-25-3
Synonyms	: 2-bromo-2-(2-chlorophenyl) acetic acid, α-bromo-2-chloro- Bromo(2-chlorophenyl)acetic acid
Molecular Formula	: C ₈ H ₇ BrClO ₂
Appearance	: White Crystalline Powder
Melting Point	: 107°C TO 112°C
Moisture by KFR	: N.M.T. 0.5 %
Purity By HPLC	: N.L.T 99.0 %



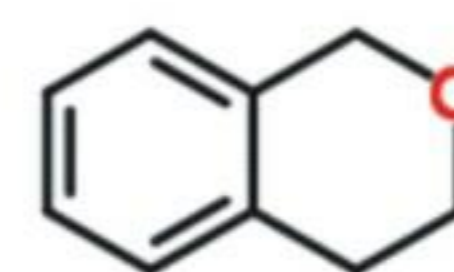
Alpha-Bromo-2-Chloro Phenyl Acetic Acid Methyl Ester

CAS NO.	: 85259-19-4
Synonyms	: benzene acetic acid, α-bromo-2-chloro-, methyl ester methyl bromo(2-chlorophenyl)acetate
Molecular Formula	: C ₉ H ₈ BrClO ₂
Appearance	: Clear Colourless To Pale Yellow Liquid, Highly Lachrymatory
Solubility	: Miscible In Toluene, Methylene Di Chloride
Density	: 1.45 TO 1.50 GM/ML
Moisture by KFR	: N.M.T. 0.5 %
Purity By HPLC	: N.L.T 99.0 %
Total Impurity	: N.M.T 1.0 %



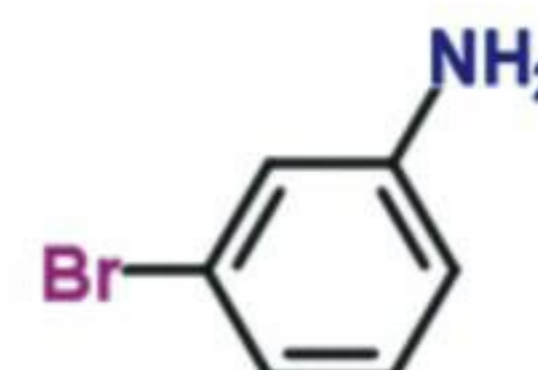
IsoChroman

CAS NO.	: 493-05-0
Synonyms	: 3,4-Dihydro-1H-isochromene
Formula	: C ₈ H ₁₀ O
Appearance	: Clear Colourless To Light Yellow Liquid
Density	: 1.019 TO 1.023 GM/ML
Moisture by KFR	: N.M.T. 0.5 %
Purity By GC	: N.L.T 99.0 %



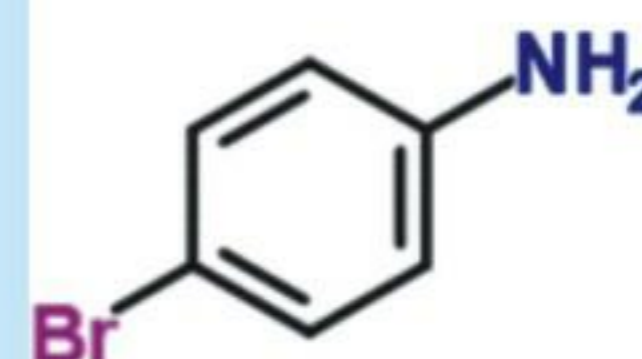
3-Bromo Aniline

CAS NO.	: 591-19-5
Synonyms	: M-Bromoaniline, Meta Bromo Aniline
Molecular Formula	: C ₆ H ₆ BrN
Appearance	: Pale Yellow To Light Brown Liquid
Moisture by KFR	: N.M.T. 0.5 %
Purity By GC	: N.L.T 98.0 %

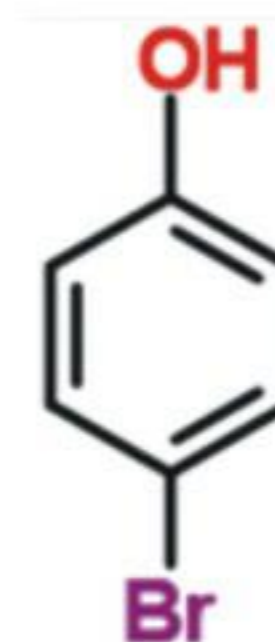


**4-Bromo Aniline**

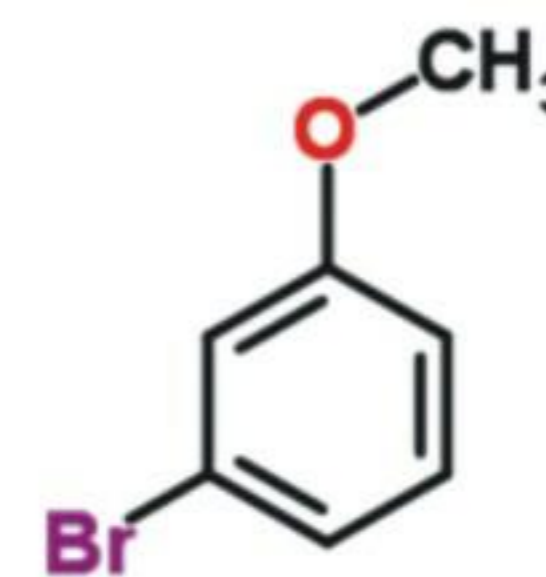
CAS NO. : 106-40-1
 Synonyms : 4-Bromobenzenamine, Para Bromo Aniline
 Molecular Formula : C_6H_5BrN
 Appearance : Off White To Light Grey Coloured Powder/Photo Sensitive
 Solubility : Soluble in Methylene Dichloride (MDC)
 Moisture by KFR : N.M.T. 0.5 %
 Melting Point : 60° TO 64° C
 Purity By GC : N.L.T 98.0 %

**4-Bromo Phenol**

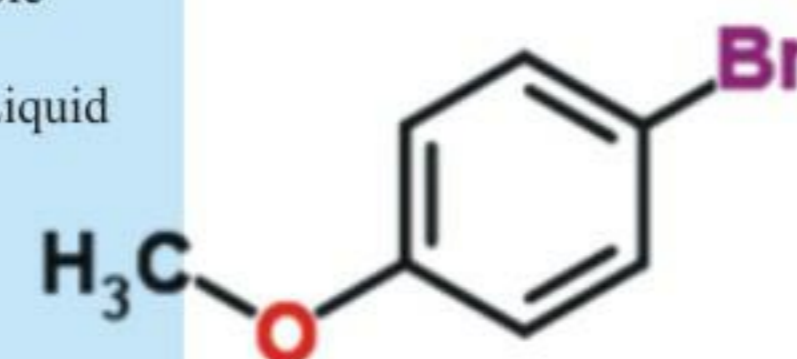
CAS NO. : 106-41-2
 Synonyms : Para Bromo Phenol, Phenol, 4-bromo
 Molecular Formula : C_6H_5BrO
 Appearance : Faint Pink Crystalline Powder With Phenolic Odor, Light Sensitive
 Melting Point : 61° C TO 65° C
 Moisture by KFR : N.M.T. 0.5 %
 Purity By GC : N.L.T 98.5 %
 Total Impurity : N.M.T 1.5 %

**3-Bromo Anisole**

CAS NO. : 2398-37-0
 Synonyms : 1-Brom-3-methoxybenzol, Meta Bromo Anisole, m-Bromoanisole
 Molecular Formula : C_7H_7BrO
 Appearance : Colourless To Pale Yellow Liquid With Typical Aromatic Odour
 Moisture by KFR : N.M.T. 0.5 %
 Purity By GC : N.L.T 98.5 %

**4-Bromo Anisole**

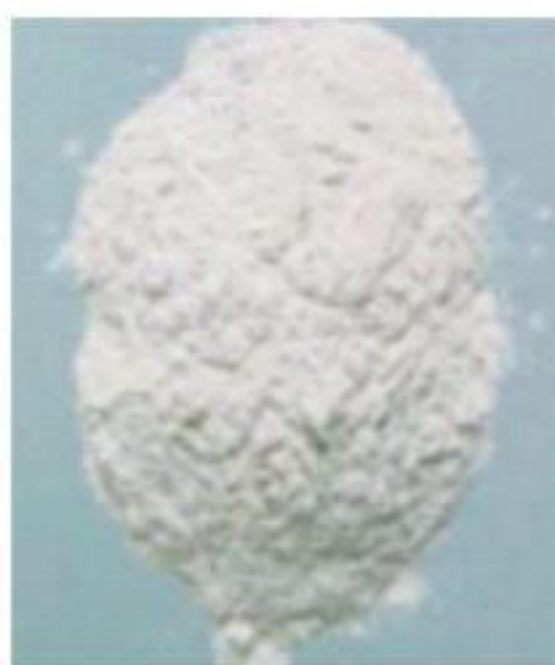
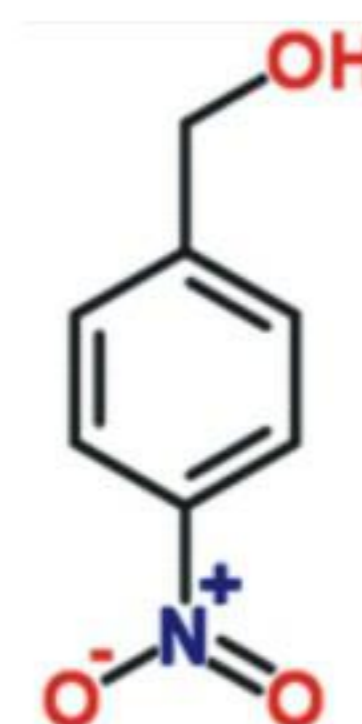
CAS NO. : 104-92-7
 Synonyms : 1-bromo-4-methoxybenzene, p-bromoanisole, Para Bromo Anisole
 Molecular Formula : C_7H_7BrO
 Appearance : Clear Colourless to Light Yellow Liquid
 Boiling Point : 98 to 99° C
 Moisture by KFR : N.M.T. 0.5 %
 Density : 1.498 TO 1.51 GM/ML
 Purity By GC : N.L.T 98.0 %





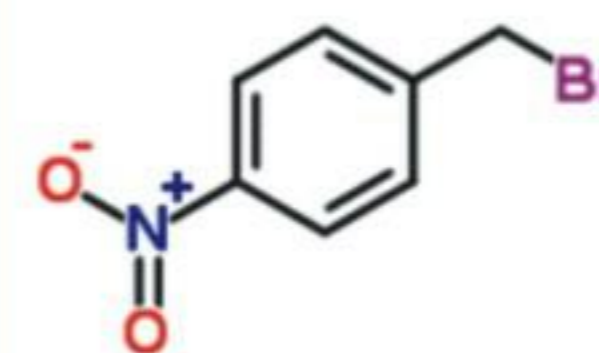
Para Nitro Benzyl Alcohol

CAS NO.	: 619-73-8
Synonyms	: 4-Nitrobenzyl alcohol,
Molecular Formula	: $C_7H_7NO_3$
Appearance	: Pale Yellow Crystalline Powder
Solubility	: Soluble in Methanol
Moisture by KFR	: N.M.T. 0.5 %
Melting Point	: $92^{\circ}C - 96^{\circ}C$
Purity By HPLC	: N.L.T 98.5 %



Para Nitro Benzyl Bromide

CAS NO.	: 100-11-8
Synonyms	: 4-nitrobenzylbromide, α -Bromo-4-nitrotoluene
Molecular Formula	: $C_7H_6BrNO_2$
Appearance	: Off White To Light Yellow Crystalline Powder With Strong Lachrymatory
Identification	: Retention Time On HplcRt Similar To Standard
Loss on Drying	: N.M.T. 0.5 %
Solubility	: Soluble in Methanol
Moisture by KFR	: N.M.T. 0.5 %
Melting Point	: $98^{\circ}C - 101^{\circ}C$
Purity By HPLC	: N.L.T 98.5 %
Di-Bromo Impurity	: N.M.T. 0.5 %



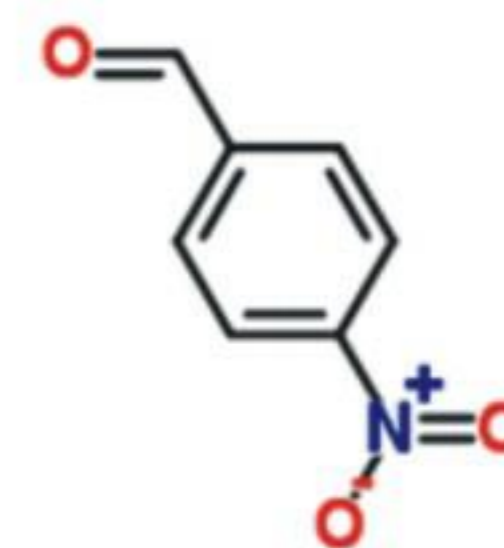
Tetrabutyl Ammonium Tribromide

CAS NO.	: 38932-80-8
Synonyms	: N,N,N-tributyl-bromide, N,N,N- Tributyl-1-butanaminium bromide
Molecular Formula	: $C_{48}H_{108}Br_3N_3$
Appearance	: Dark Orange Crystalline Powder With An Odor Of Bromine
Melting Point	: $70^{\circ}C$ TO $76^{\circ}C$
Solubility	: Completely Soluble In Methylene Dichloride
Assay by Titration	: N.L.T. 99.0 %



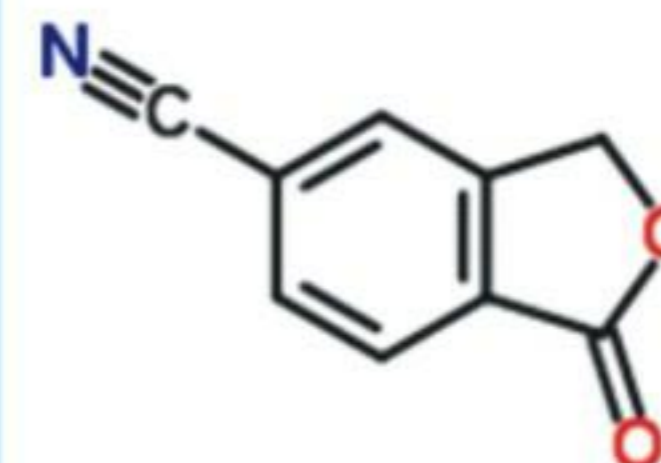
Para Nitro Benzaldehyde

CAS NO.	: 555-16-8
Synonyms	: 4-Nitrobenzaldehyde, p-Nitrobenzaldehyde
Molecular Formula	: $C_7H_5NO_3$
Appearance	: Cream To Pale Yellow Powder
Melting Point	: $102^{\circ}C$ TO $105^{\circ}C$
Solubility	: Soluble In Methanol & Chloroform, Mdc
Moisture by KFR	: N.M.T. 0.5 %
Assay by GC	: N.L.T. 98.0 %

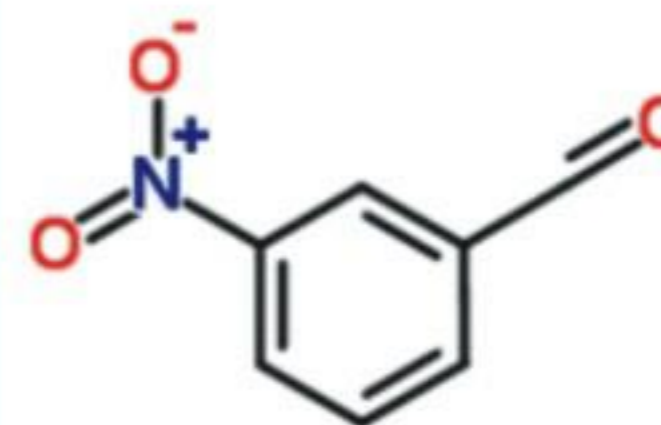


**5-Cyano Phthalide**

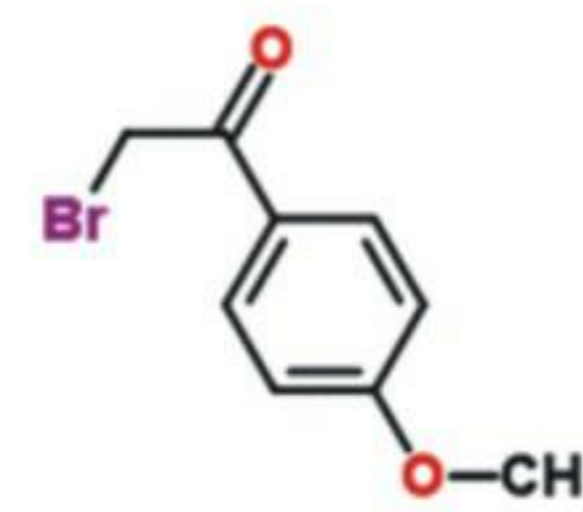
CAS NO.	: 82104-74-3
Synonyms	: 1-oxo-1,3-dihydro-2-benzofuran-5-carbonitril, 1-Oxo-1,3-dihydro-2-benzofuran-5-carbonitrile
Molecular Formula	: C ₉ H ₇ NO ₂
Appearance	: Off White To White Coloured Powder
Solubility	: Soluble In Dimethyl Formamide
Melting Point	: 200 TO 204°C
Moisture by KFR	: N.M.T 0.2 %
Loss on Drying	: N.M.T. 0.5 %
Area % by HPLC	: N.L.T. 99.0 %

**Meta Nitro Benzaldehyde**

CAS NO.	: 99-61-6
Synonyms	: 3-Nitrobenzaldehyde, M-Nitrobenzaldehyde
Molecular Formula	: C ₇ H ₅ NO ₃
Appearance	: Cream To Pale Yellow Powder
Solubility	: Soluble In Methanol And Chloroform
Melting Point	: 55° TO 60°C
Moisture by KFR	: N.M.T 0.5 %
Assay by GC	: N.L.T. 98.0 %

**4-Methoxy Phenacyl Bromide**

CAS NO.	: 2632-13-5
Synonyms	: p-methoxyphenacyl bromide, 2-bromo-1-(4-methoxyphenyl)ethanone
Molecular Formula	: C ₉ H ₉ BrO ₂
Appearance	: Off White To Pale Yellow Crystalline Powder Irritant To Skin
Solubility	: Soluble In Methanol, Methylene Dichloride
Melting Point	: 69° TO 72°C
Moisture by KFR	: N.M.T 0.5 %
Area % by GC	: N.L.T. 98.0 %

**Indirect Brominating Agent****N-Bromo Succinimide**

CAS NO.	: 128-08-5
Synonyms	: 1-Bromo-2,5-pyrrolidinedione, NBS
Molecular Formula	: C ₄ H ₄ BrNO ₂
Appearance	: Cream To Pale Yellow Powder
Melting Point	: 180°C TO 181°C
Loss on Drying	: N.M.T. 0.1%
Sulfated Ash	: N.M.T. 0.1%





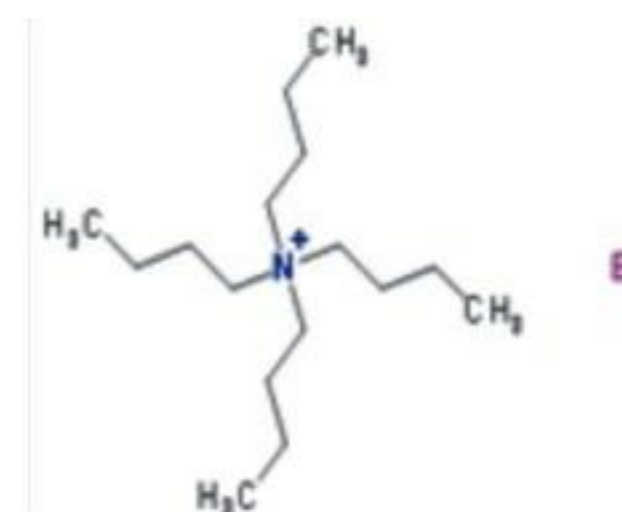
1,3 Dibromo 5,5 Dimethyl Hydantoin

CAS NO. : 77-48-5
 Synonyms : N,N'-dibromo-5,5-dimethylhydantoin, DIDI, DDH
 Molecular Formula : $C_5H_6Br_2N_2O_2$
 Appearance : Creamish To Light Yellow Powder
 Melting Point : 185° TO 194°C
 Moisture by KFR : N.M.T 0.5 %
 Available Bromine : 54 to 55.5 %



Tetrabutylammonium Bromide

CAS NO. : 1643-19-2
 Synonyms : N,N,N-tributyl-bromide, tetra-n-butyl ammonium bromide
 Molecular Formula : $C_{16}H_{36}BrN$
 Appearance : White Crystalline Powder
 Purity By GC : N.L.T 98.0 %
 Water by KFR : N.M.T. 0.5 %
 Free Amine & : N.M.T. 1.0 %



Pyridine Hydrobromide per bromide

CAS NO. : 39416-48-3
 Synonyms : Pyridinium Tribromide, Pyridinium Bromide Perbromide
 Molecular Formula : $C_5H_6Br_3N$
 Appearance : Dark Orange To Brown Crystalline Powder With An Odor Of Bromine
 Melting Point : 128 ° C TO 136 ° C
 Solubility : 30 % Completely Soluble In Methanol
 Available Bromine : 45.0 TO 48.0%



Cuprous Bromide

CAS NO. : 7789-45-9
 Synonyms : Copper bromide (CuBr), Copper(I) bromide
 Molecular Formula : CuBr
 Appearance : Off White To Light Blue Green, Gray Coloured Powder
 LOD : N.M.T 1.0 %
 Assay on Dried Basis: N.L.T. 98.0 %







Our Other Products Range

A	B
1-Acetoxy Ethyl bromide	Benzyl Bromide
Acetyl Bromide	Bromo Acetyl bromide
2-Acetyl-6-Methoxy -Naphthalene	1-Bromo -5-Chloro Pentane
3-Acetyl Pyridin e	1-Bromo -4-Phenyl -Butane
2-Acetyl-Thiophene -5-carboxylicacid	Bromo Diphenyl Methane (Benzhydrylbromide)
Ally Bromide(3 -Bromopropane)	5-Bromo -Indole
2,2 Azobis (Isobutyronitrile) (AIBN)	Bromo Isobutyl Bromide
Alpha Bromo Isobutyryl Bromide	2-Bromopentane
4-Amino-2-Chloro-pyridine	5-Bromo Phthalide
Alpha Bromo Isovaleric acid	Bromo Nitro Methane (in Methylene Dichloride)
7-Aminodeacetyl -cephalosporinic acid(7 -ADCA)	3-Bromo -4-Methoxy -Acetophenone
2-Amino-4,6-Dihydroxy -Pyrimidine	2-Bromo -6-Methoxy -Naphthalene
2-Amino-4,6-Dimethoxy -Pyrimidine	2-Bromo -2-Nitro-1,3-Propanediol(Bronopol)
Anisole	4-Bromo -o-Xylene
C	D
5-Carboxy -Phthalide	1,5-Dibromopentane
Copper (I) Bromide (Cuprous Bromide)	1-6 Dibromo Hexane
2-Chloro-1,3-bis(Dim ethylamino) terimethinium hexafluorophosphate	1-4 Dibromo Butane
Cefuroxime Free Acid	1,3-Dibromo -Propane
Cetyl Bromide	1,3-Dichloro Acetone
Cetyl Pyridinium Bromide Monohydrate	5, 5-Dimethylhydantoin
1-Chloro Ethyl Isopropyl Carbonate	Diethyl D(-) Tartarate
4-Chloro-4-Hydroxy Benzophenone	Di-isopropyl Tartarate(DIPT)
2-Chlromethyl -3,4-Dimethoxy Pyridine HCl	Dimethylamine HCl
7-Chloro-Quinaldine	2,2-Dimethyl -Cyclopropane Carboxamide
1,3-Cychlohexenedione	2,2-Dimorphilino -Diethylether
1,1-Cyclohexane Diaceticacid	3,3_Diphenyl -N-Methyl Propylamine
G	3,4 Dichloro Aniline
Guanyl Thiourea(G -Tu)	E
M	Ethyl Bromoacetate
3-Methoxy Phenacyl Bromide	Ethyl Chloro Acetate
Meta Bromo Nitrobenzene	2-Ethyl Hexyl bromide
4-Methoxybenzyl -7-phenylacetamido -3-chloromethyl -3-cephem -4-carboxylate	5-Ethyl-2-Methyl -Pyridine
2-Menthoxy -Naphthalene(Yara -yara)	H
3-Methoxy Salicylic acid	Hydrobromic Acid,48%
Methyl-2-Bromo-2-methylpropionate	I
Methyl Magnesium Bromide	Isopropyl bromide(2 -Bromo -propane)
2-Methoxy Ethoxy Methyl Chloride(MEM Chloride)	N
MIFA/SMIFA/ 2 -Aminofuryl -Acetic acid	N-(2,3-Epoxy Propyl Phthalimide)



P	N-Butyl Acetate	
Para Bromo Toluene	N-Chloro Phthalimide	
Para Methoxy Phenacyl Bromide	N-(2-Chloro-4-pyridyl)-N-Phenyl urea	
Para Cyano Benzyl Bromide	N-(2-Bromoethyl)-Phthalimide	
1,1,4,7,7 -Pentamethyl -1,4,7-triazaheptane	O	
4-Phenyl-1-Butene	o-Chloro Phenyl Acetic acid	
(4,6-Dimethoxy -Pyrimidine -2yl)phenylester	R	
Phenyl Ethyl Bromide	R-Glycidyl Butyrate	
Phosphorous Tribromide	T	
Phthalimide	t-Butyl Chloro Acetate	
Potassium Phthalimide	Tert-Butyl Bromo Acetate	
Picolinic acid	Tert-Butyl Acetoacetate	
Potassium-4-Chloro-3,5-Dinitrobenzene sulphonate	Tert-Butyl-2-Bromo Isobutyrate	
Para Nitro Benzoic Acid	Tetrabromo Bisphenol A	
Propionyl Bromide	Trans-4-Isopropyl-cyclohexyl carboxylic acid	
2-(Methoxymethyl)-pyridine	2,4,6-Tribromoaniline	
Pyridine Hydrobromide	2,4,6-Tribromo-m-Cresol	
	1,2,3-Tribromo-Propane	
	Tri-Butyl Acetoacetate	
	2,3,5-Tri-Methyl Pyridine	
SPECIALITY PRODUCTS:		
A) Intermediates of Prasugrel		150322-73-9
•Cyclopropanecarboxylic Acid		204205-33-4
•N,N-Dimethylcyclopropane-1-Carboxamide		
•Prasugrel Ketone – (1-Cyclopropyl-2-(2-Fluorophenyl)ethanon)		
•Prasugrel Bromo Ketone – (2-Bromo-1-Cyclopropyl-2-(2-Fluorophenyl)ethanon)		
B) AC Pentadiene		
•2,3,6-trimethyl-p-anisaldehyde		54344-92-2
•4-(4-Methoxy-2,3,6-Trimethylphenyl)-But-3-En-2-One		54757-47-0
C) Bromo OTBN		114772-54-2
Synonyms: 4'-(Bromomethyl)-2-biphenylcarbonitrile		
N,N-Dimethyl cyclopropane carboxamide		1759-55-3
6-Hydroxybenzofuran		13196-11-7
7-Hydroxy coumarin		93-35-6
6-Hydroxy-1-benzofuran-2-carboxylic acid		334022-87-6
3-bromo-7-hydroxycoumarin		334022-87-6
3-Chloro benzoyl chloride		618-46-2
3-Chloro per benzoic acid 50%		937-14-4
4-Chloro 7- Azaindole		55052-28-3
Synonyms: (4-Chloro-1 H-Pyrrolo[2,3-b]pyridine)		
7- Azaindole		271-63-6
Synonyms: (1 H-Pyrrolo[2,3-b]pyridine)		
4-Chloro 7- Azaindole tosylate		869335-74-0
Synonyms: (4-Chloro-1-[(4-methylphenyl)sulfonyl]-1H-pyrrolo[2,3-b]pyridine)		
LKRG+ 086 (Radical Generator-Catalyst for Polymerization Reaction-Half-life 10 hrs is 86° C)		



Quality Certificate



LEEDSKEM (INDIA) LTD.
(Specialty Chemicals Division)



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Disclaimer: Products under patents are offered for sale only in those countries where patents