



**Product Catalogue
... Building Blocks**

Calyx Chemicals & Pharmaceuticals Limited

Corporate office: 5, Marwah's Complex, Sakivihar Road, Sakinaka,
Andheri (East), Mumbai -400072, INDIA.

Tel: 91-22-2803 1500. Fax: 91-22-6646 6817, 2857 5036

Email : crams@calyxindia.com, Visit us at : www.calyxindia.com

Calyx USA Office

New Jersey: Tel: 732-579-8569, Fax: 732-321-6562

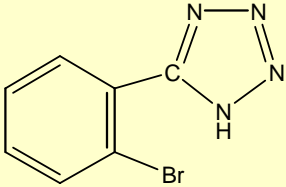
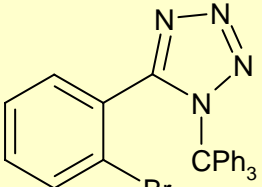
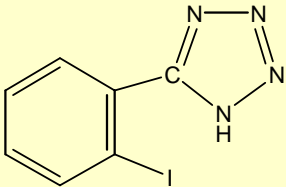
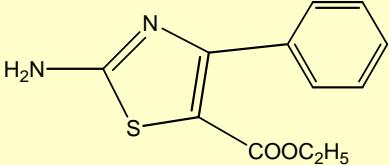
Los Angeles: Tel: 213-291-7773, Fax: 775-514-1230

Connecticut: Tel – 860-910-4279, 860-908-3177

E-mail: crams@calyxusa.com, Visit us at : www.calyxusa.com

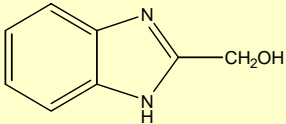
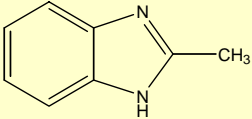
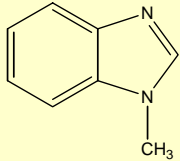
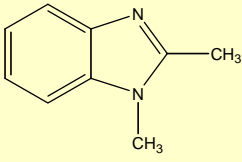


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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
001.	5-(2-Bromophenyl)-1H-tetrazole	 <p align="center">[73096-42-1] C₇H₅BrN₄, 225.0</p>	M.P.: 180-184°C Description: White to light buff solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...
002.	N-(Triphenylmethyl)-5-(2-bromophenyl)-1H-tetrazole	 <p align="center">[143945-72-6] C₂₆H₁₉BrN₄, 467.36</p>	M.P.: 160-162°C Description: White to off white solid	NLT 99%	10 gm 100 gm ... 1 Kg ... 100 Kg...
003.	5-(2-Iodophenyl)-1H-tetrazole	 <p align="center">[73096-40-9] C₇H₅IN₄, 272.05</p>	M.P.: 209-217°C Description: White to light buff solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...
	Trityl derivative is also available				
004	Ethyl 2-amino-4-phenyl-5-thiazole carboxylate	 <p align="center">[64399-23-1] C₁₂H₁₂N₂O₂S, 248.1562</p>	M.P.: 167-171°C Description: Crystalline powder	NLT 98%	10 gm 100 gm ... 1 Kg ...
	Acid is also available				

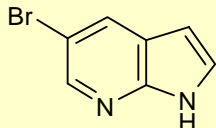
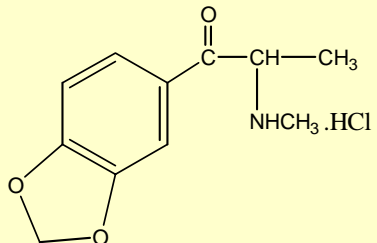
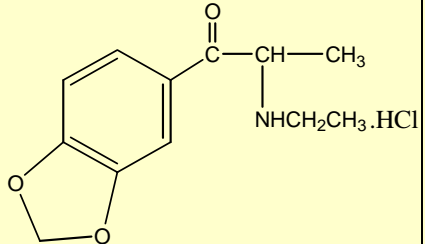
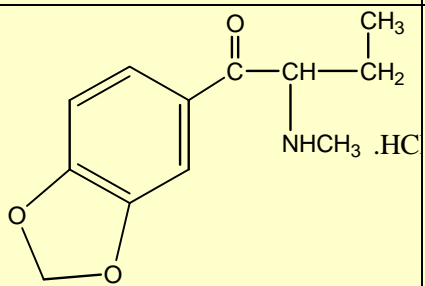


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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
005	2-Hydroxymethyl benzimidazole	 <p>[4856-97-7] C₈H₈N₂O, 148.16</p>	M.P.: 171-175°C Description: Light brown powder	NLT 95%	10 gm 100 gm ... 1 Kg ...
006	2-Methyl benzimidazole	 <p>[615-15-6] C₈H₈N₂, 132.16</p>	M.P.: 175-177°C Description: Light brown powder	NLT 98%	10 gm 100 gm ... 1 Kg ...
007	1-Methyl benzimidazole	 <p>[1632-83-3] C₈H₈N₂, 132.16</p>	B.P. 152-154°C/12 mm Hg M.P.: 59-62 °C Description: liquid	NLT 95%	10 gm 100 gm ... 1 Kg ...
008	1,2-Dimethyl benzimidazole	 <p>[2876-08-6] C₉H₁₀N₂, 146.19</p>	M.P.: 110-113 °C Description: Light brown powder	NLT 98%	10 gm 100 gm ... 1 Kg ...



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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
009	5-Bromo azaindole	 <p>[183208-35-7] C₇H₅BrN₂, 197.03</p>	M.P.: 174-178°C Description: Brown colour powder	NLT 97%	10 gm 100 gm ... 1 Kg ... 100 Kg...
010	2-Methylamino-1-(3,4-methylenedioxy-phenyl) propan-1-one hydrochloride	 <p>[186028-80-8] C₁₁H₁₃NO₃.HCl, 243.73</p>	M.P.: 231-235°C Description: Off-white to light yellow solid	NLT 99%	10 gm 100 gm ... 1 Kg ... 100 Kg...
011	2-Ethylamino-1-(3,4-methylenedioxy-phenyl) propan-1-one hydrochloride	 <p>C₁₂H₁₅NO₃ HCl. 257.73</p>	M.P.: 232-236°C Description: Off-white to light yellow solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...
012	2-Methylamino-1-(3,4-methylenedioxy-phenyl) butan-1-one hydrochloride	 <p>[17762-90-2] C₁₂H₁₅NO₃ HCl. 257.73</p>	M.P.: 227-236°C Description: white to off white solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...

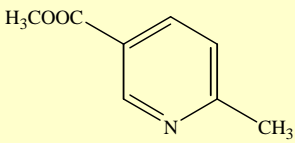
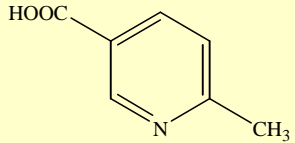
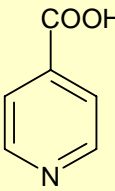
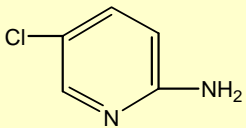
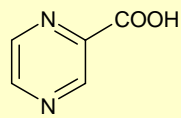


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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
013	N⁶-Trifluoroacetyl-L-lysine	<p>[10009-20-8] C₈H₁₃F₃N₂O₃, 242.20</p>	M.P.: NLT 258°C SOR: +16 to +20° (10mg/ml 2MHCl) Description: White to off white crystalline powder	NLT 98%	10 gm 100 gm ... 1 Kg ...
014	Isopropyl trifluoroacetate	<p>[400-38-4] C₅H₇F₃O₂, 156.11</p>	Description : Liquid	NLT 98%	10 gm 100 gm ... 1 Kg ...
015	L-Proline benzyl ester hydrochloride	<p>[16652-71-4] C₁₂H₁₅NO₂.HCl, 241.50</p>	SOR: - 42± 2° (c = 2 ab EtOH) Description: Slight yellowish powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...
016	N²-Benzyloxy-carbonyl)-N⁶-(trifluoroacetyl)-L-lysine	<p>[14905-30-7] C₁₆H₁₉F₃N₂O₅, 376.33</p>	M.P.: 88 - 95°C SOR: 7± 1° (c = 2.3, DMF) Description: White to off white Powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...

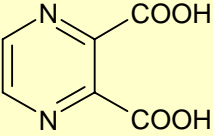
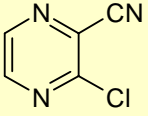
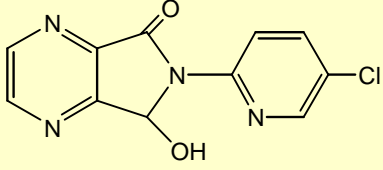
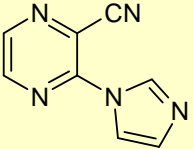
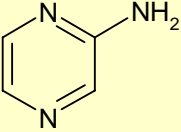


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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
017	Methyl 6-methyl nicotinate	 <p>[5470-70-2] C₈H₉NO₂, 151.16</p>	Description: Yellow solid below 34°C	NLT 97%	10 gm 100 gm ... 1 Kg ... 100 Kg...
018	6-Methyl nicotinic acid	 <p>[3222-47-7] C₇H₇NO₂, 137.14</p>	M.P 212-216°C Description: White crystalline powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg...
019	Isonicotinic acid	 <p>[55-22-1] C₆H₅NO₂, 123.11</p>	M.P.: > 300°C Description: White to off white powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
020	2-Amino-5-chloropyridine	 <p>[1072-98-6] C₅H₅ClN₂, 128.56</p>	M.P.: 133-135°C Description: White or almost white crystalline powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
021	Pyrazine-2-carboxylic acid	 <p>[98-97-5] C₅H₄N₂O₂, 124.10</p>	M.P.: about 220°C (dec) Description: White to off white solid	NLT 99%	10 gm 100 gm ... 1 Kg ... 100 Kg ...

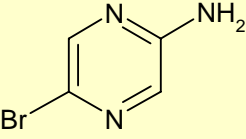
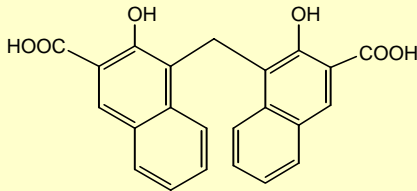
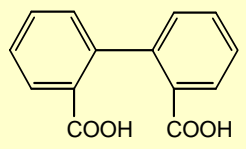
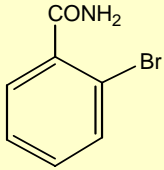
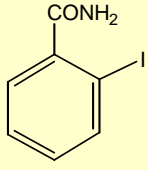


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Pd Code	Product	Structure	Properties	Purity	Qty ... Price†
022	Pyrazine-2,3-dicarboxylic acid	 <p>[89-01-0] C₆H₄N₂O₄, 168.11</p>	M.P.: 182-184°C Description: White to almost white crystalline powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
023	3-Chloropyrazine-2-carbonitrile	 <p>[55557-52-3] C₅H₂ClN₃, 139.54</p>	M.P.: 43-47°C	NLT 97%	10 gm 100 gm ... 1 Kg ...
024	6-(5-chloropyrid-2-yl) 5-hydroxy-7-oxo-5,6-dihydropyrrolo-[3,4-b]-pyrazine	 <p>[43200-81-3] C₁₁H₇ClN₄O₂, 262.65</p>	M.P.: 235-240°C Description: White to pale yellow powder	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
025	3-(Imidazol-1-yl) pyrazine-2-carbonitrile	 <p>[342412-44-6] C₈H₅N₅, 171.16</p>	M.P.: 83-86°C Description: Yellow brown solid	NLT 97%	10 gm 100 gm ... 1 Kg ...
026	2-Amino pyrazine	 <p>[5049-61-6] C₄H₅N₃, 95.10</p>	M.P.: 118-120°C Description: Almost white to light yellow solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...

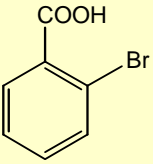
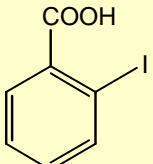

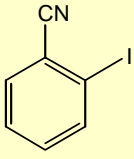


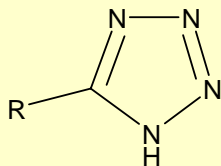
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027	2-Amino-5-bromopyrazine	 <p>[59489-71-3] C₄H₄BrN₃, 174.00</p>	M.P.: 111-115°C Description: Yellow colour powder	NLT 97%	10 gm 100 gm ... 1 Kg ...
028	Pamoic acid	 <p>[130-85-8] C₂₃H₁₆O₆, 388.37</p>	M.P.: 300-304°C Description: Bright yellow solid	NLT 99%	10 gm 100 gm ... 1 Kg ... 100 Kg...
029	Diphenic acid	 <p>[482-05-3] C₁₄H₁₀O₄, 242.23</p>	M.P.: 227-234°C Description: Off white to light yellow powder	NLT 98%	10 gm 100 gm ... 1 Kg ...
030	2-Bromobenzamide	 <p>[4001-73-4] C₇H₆BrNO, 200</p>	M.P.: 155-160°C Description: White to off white solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
031	2-Iodobenzamide	 <p>[3930-83-4] C₇H₆INO, 247.03</p>	M.P.: 180-185°C Description: White to off white solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...



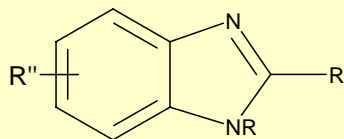
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032	2-Bromobenzoic acid	 <p>[88-65-3] C₇H₅BrO₂, 201.0</p>	M.P.:147-150°C Description: White to off white solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
033	2-Iodobenzoic acid	 <p>[88-67-5] C₇H₅IO₂, 248.02</p>	M.P.: 160-163°C Description: White to off white solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
034	2-Bromo benzonitrile	 <p>[2042-37-7] C₇H₄BrN, 182.03</p>	M.P.: 50-55°C Description: White to light brown solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...
035	2-Iodobenzonitrile	 <p>[4387-36-4] C₇H₄IN, 229.02</p>	M.P.: 50-55°C Description: White to light brown solid	NLT 98%	10 gm 100 gm ... 1 Kg ... 100 Kg ...



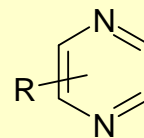
R= -C₆H₄X, -CH₂Cl, -SEt

Tetrazoles

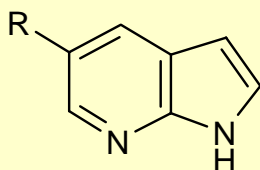


R= -H, -Me, -Et
R' = -H, -CH₂OH, -CH₂Cl,
-Me, -Et; R'' = -H

Benzimidazoles



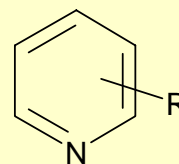
Pyrazines



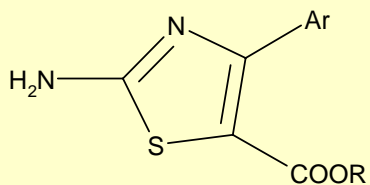
R= -OH, -X

Azaindoles

**Analogues
Derivatives**

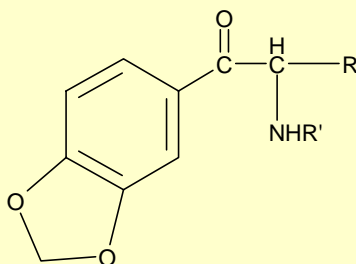


Pyridines



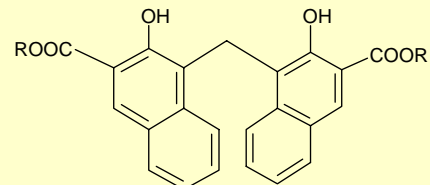
Ar = -Ph
R= -H, -Et

Thiazoles



R= -Me, -Et
R' = -Me, -Et

**Methylenedioxy phenyl
derivatives**



R= -H, -Me, -Et

Methylenebinaphthols



* The technical and physical manufacturing capabilities exist with us for these intermediates. However, these products will be offered only to the markets where any product or process patents are not infringing. During the validity of a patent the research quantities for developing products for regulatory submissions will be offered only to countries where such exemption exists (Hatch Waxman / Bolar exemption).

While Calyx offers to work with the clients on Patent Status Verification, the final responsibility vests with the buyer. Recipients are requested to make their evaluation and determination as to the patent status prior to their use of the information or materials in their respective jurisdiction

† Prices are available on request

Issued on June 2007