

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

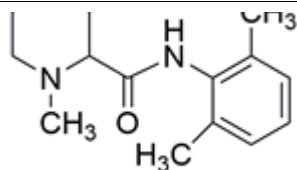
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|-------------------|---|
| Catalogue Number | 38063 |
| Product | Mepivacaine hydrochloride <i>N</i> -(2,6-Dimethylphenyl)-1-methyl-2-piperidinecarboxamide |
| CAS Number | 1722-62-9 |
| Molecular Formula | C ₁₅ H ₂₂ N ₂ O•HCl |
| Molecular Weight | 282.81 |

| | |
|------------------------|--|
| Appearance | White crystalline solid |
| Solubility | Soluble in water and methanol, very slightly soluble in chloroform, practically insoluble in ether |
| Melting Point | 149 - 153 °C |
| pH | 4 - 6 |
| Infrared Spectrum | Conforms to structure |
| Loss on Drying | ≤ 1% |
| Residual Solvents | Methanol : ≤ 0.3% Ethanol : ≤ 0.5% Glacial acetic acid : ≤ 0.5% N-Methyl pyrrolidone : ≤ 0.053% |
| Residue On Ignition | ≤ 0.1% |
| Assay | 98 - 102% |
| Storage | Store at 2 - 8 °C |
| Additional Information | Chloride test : To pass test Chromatographic purity : ≤ 0.4% |

For Laboratory Use Only