

Product Datasheet

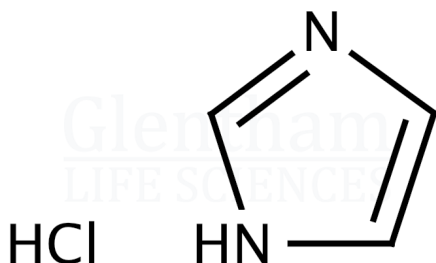
GK1136 - Imidazole hydrochloride

Product Details

| | |
|--------------------|------------------------------|
| Product Name | Imidazole hydrochloride |
| Glentham Code | GK1136 |
| CAS Number | 1467-16-9 |
| MDL Number | MFCD00012695 |
| PubChem SID | 310275155 |
| Related Categories | Buffers, Raw Materials (IVD) |

Structure

| | |
|-------------------|-------------------------|
| Molecular Weight | : 104.54 |
| Molecular Formula | : $C_3H_4N_2 \cdot HCl$ |



Glentham Product Specification

| | |
|-----------------------------|---|
| Physical Description | : White to almost white crystalline powder |
| Solubility (5% in methanol) | : Clear, colourless to pale yellow solution |
| Loss on Drying | : $\leq 1.0\%$ |
| Assay | : $\geq 98.0\%$ |
| Version | : v1.0 |

About Imidazole hydrochloride


The hydrochloride salt of imidazole, a heterocyclic organic, used as a building block for the manufacture of imidazole-containing anticancer drugs, antifungals and antibiotics. Imidazole functions as a buffer, with roles in protein electrophoresis and chromatography. Its interaction with DNA and effects on cell division give it additional roles in molecular and cell biology.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

| | |
|---------------------|---|
| CLP Classification | Skin Irr. 2, Eye Irr. 2A |
| Signal Word | Warning |
| Hazard Codes | H315, H319 |
| Precautionary Codes | P305+P351+P338, P261, P302+P352 |
| Pictograms |  |

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