

Product Datasheet

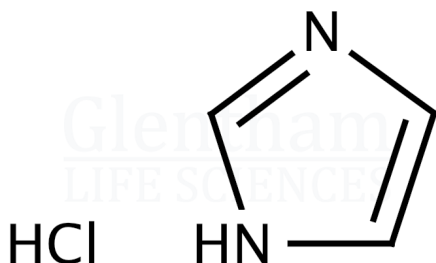
GK1136 - Imidazole hydrochloride

Product Details

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

Structure

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



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	Achtung
Hazard Codes	H315, H319
Precautionary Codes	P305+P351+P338, P261, P302+P352

Pictograms



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.

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