

Product Datasheet

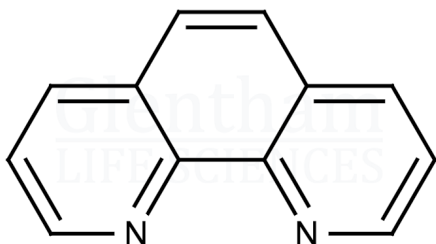
GE1327 - 1,10-Phenanthroline, anhydrous

Product Details

Product Name	1,10-Phenanthroline, anhydrous
Glentham Code	GE1327
CAS Number	66-71-7
EINECS	200-629-2
MDL Number	MFCD00011678
PubChem SID	310278691
Related Categories	Biochemicals

Structure

Molecular Weight	: 180.21
Molecular Formula	: C ₁₂ H ₈ N ₂



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Aquatic Chronic 1, Acute Tox. 3, Aquatic Acute 1
Signal Word	Danger
Hazard Codes	H410, H301, H400
Precautionary Codes	P273, P280, P301+P310

Pictograms



UN Number, Class, PG
(RID)

UN2811 - 6.1 - PG III

Glentham Product Specification

Physical Description	: White to off-white, beige or yellow crystalline powder
Assay	: ≥ 99.0%
Version	: v1.0

About 1,10-Phenanthroline, anhydrous

Heterocyclic organic compound found as white to off-white crystals. Soluble in organic solvents, it forms strong complexes with most metal ions. Inhibitor of metalloproteinases (mainly zinc). Phenanthroline is used in titrations to detect alkyl lithium reagents. Monohydrochloride salt as a monohydrate also available.

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