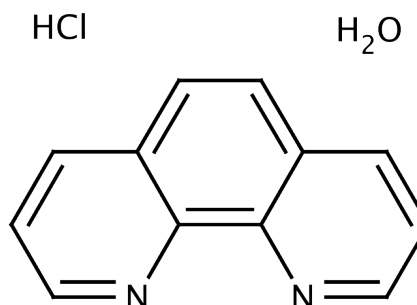


## Product Specification

Product Name : 1,10-Phenanthroline hydrochloride monohydrate  
Glentham Code : GA0090  
CAS Number : 18851-33-7  
EINECS : 223-325-1  
MDL Number : MFCD00150061  
Additional CAS : 3829-86-5  
PubChem SID : 310278692

Molecular Weight : 234.68  
Molecular Formula :  $C_{12}H_8N_2 \cdot HCl \cdot H_2O$   
Storage Temp. : +20°C



Property	Specification
Physical Description	White to off-white crystalline powder or crystals
Solubility (10% in water)	Clear to very faintly turbid, colourless to very faint yellow solution
Loss on Drying	≤ 8.0%
Assay	≥ 99.0% ( $C_{12}H_8N_2 \cdot HCl \cdot H_2O$ )

Specification Version : v1.1  
Date Created : 2019-07-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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