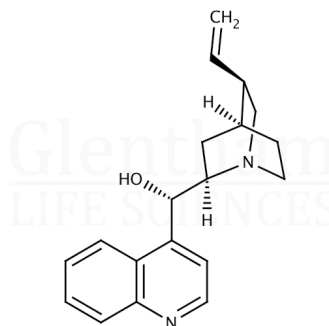


## Product Specification

Product Name	Cinchonine
Glentham Code	GK1431
CAS Number	118-10-5
EINECS	204-234-6
MDL Number	MFCD00064372
PubChem SID	310270267
Molecular Weight	294.39
Molecular Formula	C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification	To pass test
Melting Point	255 - 265 °C
Loss on Drying	≤ 1.0%
Specific Optical Rotation	+219 - +229 °
Residue on Ignition	≤ 0.1%
Other Alkaloids	≤ 3.0%
	≤ 3.0%
Assay (Titration)	≥ 99.0%

Specification Version	-	v1.1
Date Created	-	2019-10-25

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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