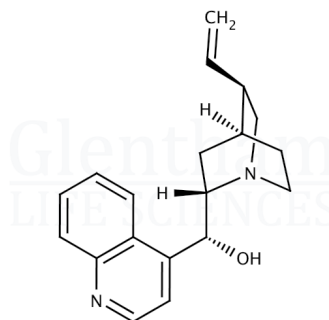


## Product Specification

Product Name	Cinchonidine
Glentham Code	GP1244
CAS Number	485-71-2
EINECS	207-622-3
MDL Number	MFCD00006783
PubChem SID	310270265
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
pH (1% solution)	7.0 - 9.0
Loss on Drying	≤ 1.0%
Specific Optical Rotation	-162 - -189 °
Other Cinchona Alkaloids	≤ 5.0% (inc. Quinine and Hydroquinone)
Sulphated Ash	≤ 0.1%
Heavy Metals	≤ 10ppm
Chloride	≤ 200ppm
Sulphate	≤ 500ppm
Melting Point	200 - 207 °C
Assay	99.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2015-01-28

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024