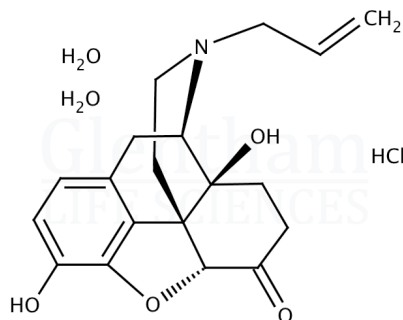


## Product Specification

Product Name	Naloxone hydrochloride dihydrate
Glentham Code	GP1662
CAS Number	51481-60-8
EINECS	206-611-0
MDL Number	MFCD00150901
PubChem SID	310277435
Additional CAS	357-08-4 (anhydrous)

Molecular Weight	399.87
Molecular Formula	$C_{19}H_{21}NO_4 \cdot HCl \cdot 2H_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Solubility (5% in water)	Clear, colourless to pale yellow solution
Water	≤ 11.0%
Assay	98.0 - 102.0 % (dried basis)

Specification Version	- v1.0
Date Created	- 2017-01-24

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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