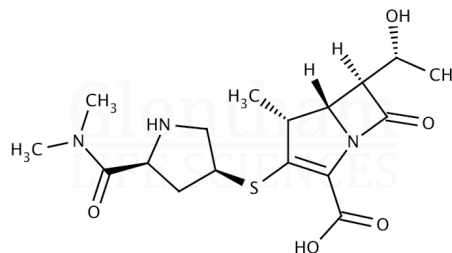


Product Specification

Product Name	Meropenem trihydrate
Glentham Code	GP7412
CAS Number	119478-56-7
MDL Number	MFCD08600005
Additional CAS	96036-03-2 (anhydr.)
PubChem SID	310276177
Molecular Weight	437.51
Molecular Formula	$C_{17}H_{25}N_3O_5 \cdot 3H_2O$
Storage Temp.	-20°C



Property	Specification
Physical Description	White, off-white or faint beige crystalline powder
Solubility (2% in DMSO)	Clear, colourless to very faint yellow solution
pH (1% in water)	4.0 - 6.5
Specific Optical Rotation ($[\alpha]_{20/D}$)	-16.0 - -22.0 ° (c=1, water)
Water	11.0 - 13.5 %
Assay	≥ 98.0% (anhydrous basis)
Specification Version	- v1.1
Date Created	- 2020-04-21

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 or contact us using the details above for the current version of this document.

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