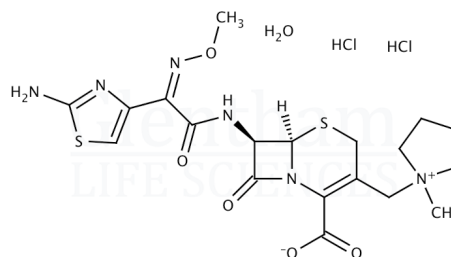


Product Specification

Product Name	Cefepime dihydrochloride hydrate
Glentham Code	GA3114
CAS Number	123171-59-5
MDL Number	MFCD01687679
Additional CAS	107648-80-6 (anhyd.)
Additional CAS	88040-23-7
PubChem SID	310269474
Molecular Weight	571.50 (anhydrous)
Molecular Formula	$C_{19}H_{24}N_6O_5S_2 \cdot HCl \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution
pH (5% in water)	1.0 - 2.5
Solubility (0.1% in DMSO)	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+39.0 - 46.0 ° (c=1, water)
Water	≤ 6.0%
Assay	840 - 910 µg/mg (cefepime, anhydrous)

Specification Version	-	v1.1
Date Created	-	2023-07-28

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

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