## **Glentham** LIFE SCIENCES

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

## **Product Specification**

Product Name Cefepime dihydrochloride hy	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)	
$\label{eq:constraint} \text{Molecular Formula} \qquad  \text{C}_{19}\text{H}_{24}\text{N}_6\text{O}_5\text{S}_2\cdot\text{HCI}\cdot\text{xH}_2\text{C}_5\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{HCI}\cdot\text{xH}_2\text{C}_5\text{HCI}\cdot\text{xH}_2\text{HCI}\cdot\text$	2 <sup>0</sup>
Storage Temp. +4°C	
Property Specif	cification
	te to off-white po
	conform to standa
Solubility (5% in water) Clear,	ar, colourless to fa
pH (5% in water) 1.0 - 2	· 2.5
Solubility (0.1% in DMSO) Clear,	ar, colourless solu
Specific Optical Rotation ([α]20/D) +39.0	.0 - 46.0 ° (c=1, v
Water ≤ 6.0%	0%

•		
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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025