



Cefepime Dihydrochloride Monohydrate

A broad-spectrum antibiotic, effective against some multi-drug resistant bacteria like *pseudomonas aeruginosa* and *Acinetobacter baumannii*.

Cat. Number	AS-2003
CAS Number	123171-59-5
Additional CAS	107648-80-6
Additional CAS	88040-23-7
Pubchem	310269474
Molecular Weight	571.50 g/mol
Molecular Formula	C ₁₉ H ₂₈ Cl ₂ N ₆ O ₆ S ₂
Storage Temperature	4°C
Form and Color	Powder to crystalline powder, white to pale yellow
Purity (HPLC)	Min. 98%
Solubility (5% in water)	Clear solution
Solubility (0.1% in DMSO)	Clear solution
¹ H-NMR Spectrum	Correspond to assigned structure.
Synonym	1-[[[(6R,7R)-7-[[[(2Z)-(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methylpyrrol