

Product Name	: Ceftazidime Pentahydrate
Synonyms	: —
Cat No.	: M21401
CAS Number	: 78439-06-2
Molecular Formula	: C ₂₂ H ₃₂ N ₆ O ₁₂ S ₂
Formula Weight	: 636.7
Chemical Name	: —
Description	: Ceftazidime is a β -lactam antibacterial agent which has demonstrated a broad spectrum of activity against Gram-positive and Gram-negative aerobic bacteria.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Antibacterial
Solubility	: —
SMILES	: <chem>CC(C)(C(=O)O)O/N=C/C1=CSC(=N1)N\C(=O)N[C@H]2[C@@H]3N(C2=O)C(=C(CS3)C[N+](C4=CC=CC=C4)C(=O)[O-])[O-]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Richards DM et al. Ceftazidime. A review of its antibacterial activity pharmacokinetic properties and therapeutic use. Drugs. 1985 Feb;29(2):105-61.