

Product Name	: Doripenem
Synonyms	: —
Cat No.	: M22509
CAS Number	: 148016-81-3
Molecular Formula	: C ₁₅ H ₂₄ N ₄ O ₆ S ₂
Formula Weight	: 420.5
Chemical Name	: —
Description	: Doripenem is a new parenteral carbapenem antibiotic with broad-spectrum activity against gram-negative and gram-positive pathogens.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: antibiotic
Solubility	: —
SMILES	: <chem>[H][C@]12[C@@H](C)C(S[C@@H]3CN[C@H](CNS(N)=O)=O)C3=C(N1C(=O)[C@]2([H])[C@@H](C)O)C(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wagenlehner, Florian, M, et al. Ceftazidime-avibactam Versus Doripenem for the Treatment of Complicated Urinary Tract Infections, Including Acute Pyelonephritis: RECAPTURE, a Phase 3 Randomized Trial Program[J]. Clinical Infectious Diseases, 2016.