

Product Datasheet

Pradofloxacin (orb1943353)

Catalog Number	orb1943353
Category	Small Molecules
Description	Pradofloxacin is a new generation of fluoroquinolone antibiotics with broad-spectrum antibacterial activity that exerts its bactericidal effect by inhibiting bacterial DNA gyrase and topoisomerase IV, preventing the replication and repair of bacterial DNA. Pradofloxacin is mainly used for the treatment of bacterial diseases in dogs and cats including skin infections, urinary tract infections and respiratory tract infections.
Target	Antibacterial,Topoisomerase
Purity	98.76%
MW	396.41
CAS Number	195532-12-8
Formula	C ₂₁ H ₂₁ FN ₄ O ₃
SMILES	<chem>C(#N)C1=C2N(C=C(C(O)=O)C(=O)C2=CC(F)=C1N3C[C@]4([C@@](C3)(NCCC4)[H])[H])C5CC5</chem>
Storage	-20°C
Note	For research use only

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