

Product Name : Avibactam sodium

Synonyms : NXL-104

Cat No. : M17866

CAS Number : 1192491-61-4

Molecular Formula : C₇H₁₀N₃NaO₆S

Formula Weight : 287.22

Chemical Name : —

Description : Avibactam is a reversible β-lactamase inhibitor (IC₅₀: 8/80/38 nM, for TEM-1/P99/KPC-2 β-lactamases).

Pathway : Others

Target : Other Targets

Receptor : CTX-M-15; KPC-2 β-lactamases; P99 β-lactamases; TEM-1 β-lactamases

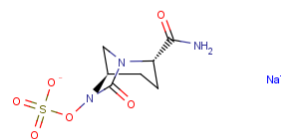
Solubility : H₂O : ≥ 145 mg/mL 504.82 mM; DMSO : ≥ 30 mg/mL 104.45 mM

SMILES : C1C[C@H](N2C[C@@H]1N(C2=O)OS(=O)(=O)[O-])C(=O)N.[Na+]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Ehmann DE, et al. Avibactam is a covalent, reversible, non-β-lactam β-lactamase inhibitor. Proc Natl Acad Sci U S A. 2012 Jul 17;109(29):11663-8.