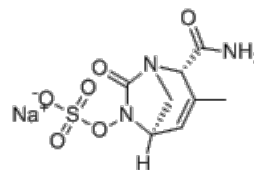


Product Name	: ETX2514
Synonyms	: ETX 2514;ETX-2514
Cat No.	: M12003
CAS Number	: 1467157-21-6
Molecular Formula	: C ₈ H ₁₀ N ₃ NaO ₆ S
Formula Weight	: 299.23
Chemical Name	: sodium (2S,5R)-2-carbamoyl-3-methyl-7-oxo-1,6-diazabicyclo[3.2.1]oct-3-en-6-yl sulfate
Description	ETX2514 (ETX 2514, ETX-2514) is a covalent, broad-spectrum β-lactamase inhibitor with IC₅₀ of 4, 14 and 190 nM for class A KPC-2, class C AmpC and class D OXA-24, respectively; potently inhibit clinically relevant class A, C and D β-lactamases and penicillin-binding proteins, resulting in intrinsic antibacterial activity against Enterobacteriaceae and restoration of β-lactam activity in a broad range of MDR Gram-negative pathogens; demonstrates potent antibacterial activity, in vivo efficacy against MDR <i>A. baumannii</i> infections combined with sulbactam. Bacterial Infection Phase 1 Clinical
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Antibacterial
Solubility	: —
SMILES	: <chem>CC1=CC2CN(C1C(=O)N)C(=O)N2OS(=O)(=O)[O-].[Na+]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Durand-Réville TF, et al. Nat Microbiol. 2017 Jun 30;2:17104. | 2. Shapiro AB, et al. ACS Infect Dis. 2017 Nov 10;3(11):833-844. | 3. McLeod SM, et al. Antimicrob Agents Chemother. 2017 Nov 13. pii: AAC.01576-17.