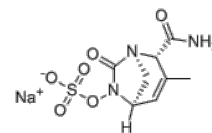


Product Name : Durlobactam sodium
Cat. No. : PC-20706
CAS No. : 1467157-21-6
Molecular Formula : C₈H₁₀N₃NaO₆S
Molecular Weight : 299.23
Target : Bacterial
Solubility : 10 mM in DMSO



CAS: 1467157-21-6

Biological Activity

Durlobactam (ETX2514) sodium is a broad-spectrum **β-lactamase** inhibitor with IC₅₀ of 4, 14 and 190 nM for class A β-lactamase KPC-2, class AmpC and class D OXA-24, respectively.

Durlobactam (ETX2514) potently inhibits 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.

Combination of sulbactam and ETX2514 shows potent antibacterial activity, in vivo efficacy against MDR *A. baumannii* infections.

Durlobactam (ETX2514) restores sulbactam activity against resistant *Acinetobacter baumannii*.

References

Durand-Réville TF, et al. *Nat Microbiol.* 2017 Jun 30;2:17104.

McLeod SM, et al. *Antimicrob Agents Chemother.* 2018 Jan 25;62(2):e01576-17.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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