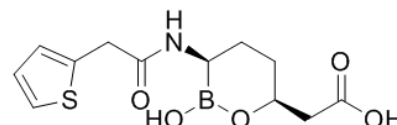


Product Name : Vaborbactam
Cat. No. : PC-45750
CAS No. : 1360457-46-0
Molecular Formula : C₁₂H₁₆BNO₅S
Molecular Weight : 297.1351
Target : Bacterial
Solubility : DMSO: 10 mM



Biological Activity

Vaborbactam (RPX-7009) is a **serine β -lactamase** inhibitor that notably restores the activity of carbapenems against KPC-producing strains.

Vaborbactam (RPX-7009) restores meropenem activity for 72.7 to 98.1% of CPE isolates at ≤ 2 ug/ml.

Vaborbactam (RPX-7009) shows no antibacterial activity alone (MICs, >64 ug/ml).

References

Castanheira M, et al. *Antimicrob Agents Chemother.* 2016 Aug 22;60(9):5454-8.

Hecker SJ, et al. *J Med Chem.* 2015 May 14;58(9):3682-92.

Griffith DC, et al. *Antimicrob Agents Chemother.* 2016 Sep 23;60(10):6326-32.

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

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