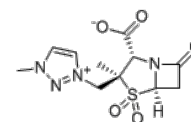


Product Name : Enmetazobactam
Cat. No. : PC-61972
CAS No. : 1001404-83-6
Molecular Formula : C₁₁H₁₄N₄O₅S
Molecular Weight : 314.32
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Enmetazobactam (AAI-101) is a novel extended-spectrum **β-lactamase** inhibitor with activity against many β-lactamases, including some class A and class D carbapenemases.

Enmetazobactam (AAI-101) is currently in clinical development as a combination with cefepime.

Enmetazobactam (AAI-101) reduces the MIC₅₀ of cefepime against a collection of 223 cefepime-nonsusceptible isolates of the family Enterobacteriaceae from >64 mg/L to 0.125 mg/L.

References

Crandon JL, et al. *Antimicrob Agents Chemother.* 2015 May;59(5):2688-94.

Crandon JL, et al. *Pathogens.* 2015 Aug 18;4(3):620-5.

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

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