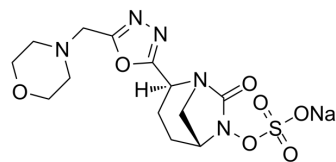


Antibacterial agent 48

Cat. No.:	HY-139765
CAS No.:	1426572-53-3
Molecular Formula:	C ₁₃ H ₁₈ N ₅ NaO ₇ S
Molecular Weight:	411.37
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antibacterial agent 48, an antibacterial agent, significantly lowers MIC value of antibacterial agent Ceftazidime ^[1] .
In Vitro	Antibacterial agent 48 (example 11) significantly lowers MIC value of Ceftazidime (MIC=1, 2, 32 mcg/ml for E. coli NCTC 1335 1, E. coli M50, and E. coli 7MP, respectively) ^[1] . From WO2013030735A1, example 11. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sachin Bhagwat, et al. 1,6- diazabicyclo [3,2,1] octan- 7 - one derivatives and their use in the treatment of bacterial infections.

Caution: Product has not been fully validated for medical applications. For research use only.

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