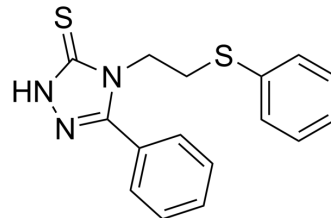


β-Lactamase-IN-7

Cat. No.:	HY-144100
CAS No.:	2419903-21-0
Molecular Formula:	C ₁₆ H ₁₅ N ₃ S ₂
Molecular Weight:	313.44
Target:	Bacterial; Beta-lactamase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-Lactamase-IN-7 (compound 14) is a potent VIM-Type metallo-β-lactamase inhibitor, with K _i s of 1.26 μM and 0.54 μM for VIM-1 and VIM-4, respectively. β-Lactamase-IN-7 can effectively inhibit <i>Klebsiella pneumoniae</i> ^[1] .
IC ₅₀ & Target	K _i : 1.26 μM (VIM-1), 0.54 μM (VIM-4) ^[1]

REFERENCES

[1]. Legru A, et al. 1,2,4-Triazole-3-thione compounds with a 4-ethyl alkyl/aryl sulfide substituent are broad-spectrum metallo-β-lactamase inhibitors with re-sensitization activity. *Eur J Med Chem.* 2021;226:113873.

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

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