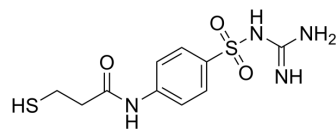


Metallo- β -lactamase-IN-4

Cat. No.:	HY-144262
CAS No.:	2711044-25-4
Molecular Formula:	C ₁₀ H ₁₄ N ₄ O ₃ S ₂
Molecular Weight:	302.37
Target:	Bacterial; Beta-lactamase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Metallo- β -lactamase-IN-4 (compound 40) is a potent metallo- β -lactamases (MBL) inhibitor, with IC ₅₀ values of 0.5 μ M (VIM-1), 2.1 μ M (NDM-1), and 3.3 μ M (IMP-7), respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.5 \pm 0.0 μ M (VIM-1), 2.1 \pm 0.1 μ M (NDM-1), 3.3 \pm 0.4 μ M (IMP-7) ^[1]

REFERENCES

[1]. Kaya C, et al. N-Aryl Mercaptopropionamides as Broad-Spectrum Inhibitors of Metallo- β -Lactamases. J Med Chem. 2022 Mar 10;65(5):3913-3922.

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

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