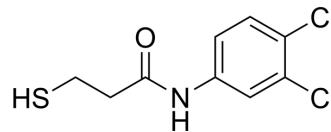


Metallo- β -lactamase-IN-2

Cat. No.:	HY-144259
CAS No.:	1501705-61-8
Molecular Formula:	C ₉ H ₉ Cl ₂ NOS
Molecular Weight:	250.14
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 0.1 μ M (VIM-1), 1.3 μ M (NDM-1), and 5.0 μ M (IMP-7), respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.1 \pm 0.0 μ M (VIM-1), 1.3 \pm 0.0 μ M (NDM-1), 5.0 \pm 0.6 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA