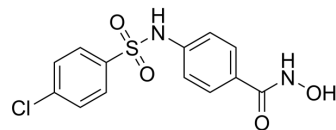


Metallo-β-lactamase-IN-8

Cat. No.:	HY-146165
CAS No.:	1610537-25-1
Molecular Formula:	C ₁₃ H ₁₁ ClN ₂ O ₄ S
Molecular Weight:	326.76
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-8 (compound 17) is a potent, reversible and competitive broad-spectrum inhibitor of metallo-β-lactamases (MβLs), with IC₅₀s of 1.3 μM, 5.7 μM, 9.8 μM, and 9.9 μM for L1, ImiS, IMP-1 and VIM-2, respectively. Metallo-β-lactamase-IN-8 exhibits antibacterial activity^[1].

REFERENCES

[1]. Li JQ, et, al. Hydroxamic acid with benzenesulfonamide: An effective scaffold for the development of broad-spectrum metallo-β-lactamase inhibitors. Bioorg Chem. 2020 Dec;105:104436.

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