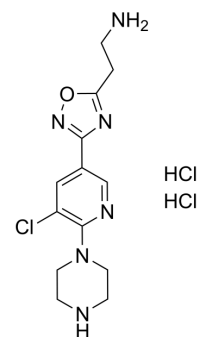


BDM91514

Cat. No.:	HY-155047
CAS No.:	2892824-90-5
Molecular Formula:	C ₁₃ H ₁₉ Cl ₃ N ₆ O
Molecular Weight:	381.69
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BDM91514 improves antibiotic potency through AcrB inhibition. BDM91514 prevents the growth of *E. coli* BW25113 (EC₉₀: 8 μM) in the presence of 8 μg/mL Pyridomycin. BDM91514 has suitable plasma and microsomal stability^[1].

REFERENCES

[1]. Compagne N, et al. Optimization of pyridylpiperazine-based inhibitors of the Escherichia coli AcrAB-TolC efflux pump. *Eur J Med Chem.* 2023 Jul 7;259:115630.

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