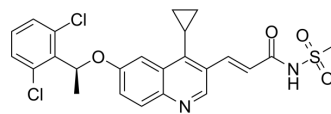


MsbA-IN-3

Cat. No.:	HY-144281
CAS No.:	2909443-78-1
Molecular Formula:	C ₂₄ H ₂₂ Cl ₂ N ₂ O ₄ S
Molecular Weight:	505.41
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MsbA-IN-3 (compound 31) is a potent and highly selective MsbA inhibitor with an IC ₅₀ value of 2 nM. MsbA-IN-3 has inhibitory activity against Escherichia coli with a MIC of 35 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2 nM (MsbA) ^[1]

REFERENCES

[1]. Verma VA, et al. Discovery of Inhibitors of the Lipopolysaccharide Transporter MsbA: From a Screening Hit to Potent Wild-Type Gram-Negative Activity. J Med Chem. 2022;65(5):4085-4120.

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