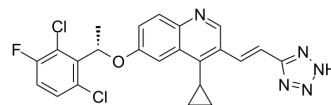


MsbA-IN-4

Cat. No.:	HY-144282
Molecular Formula:	C ₂₃ H ₁₈ Cl ₂ FN ₅ O
Molecular Weight:	470.33
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MsbA-IN-4 (compound 32) is a potent and highly selective MsbA inhibitor with an IC ₅₀ value of 3 nM. MsbA-IN-4 has inhibitory activity against Escherichia coli with a MIC of 12 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 3 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.

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