

MsbA-IN-4

Chemical Properties

CAS No. :

Formula: C₂₃H₁₈Cl₂FN₅O

Molecular Weight: 470.33

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MsbA-IN-4 (Compound 32) is a highly selective and potent inhibitor of MsbA (IC ₅₀ : 3 nM).MsbA-IN-4 inhibits Escherichia coli (MIC: 12 µM).
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1262 mL	10.6308 mL	21.2617 mL
5 mM	0.4252 mL	2.1262 mL	4.2523 mL
10 mM	0.2126 mL	1.0631 mL	2.1262 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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