

ThrRS-IN-3

Chemical Properties

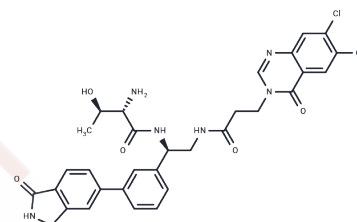
CAS No. :

Formula: C₃₁H₃₀Cl₂N₆O₅

Molecular Weight: 637.51

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	ThrRS-IN-3, a threonyl-tRNA synthetase (ThrRS) inhibitor, exhibits high potency, demonstrated by an IC ₅₀ of 19 nM and a K _d of 34 nM against Salmonella enterica ThrRS. It also possesses antibacterial activities.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5686 mL	7.843 mL	15.686 mL
5 mM	0.3137 mL	1.5686 mL	3.1372 mL
10 mM	0.1569 mL	0.7843 mL	1.5686 mL
50 mM	0.0314 mL	0.1569 mL	0.3137 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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