

Urease-IN-18

Chemical Properties

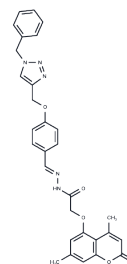
CAS No. :

Formula: C₃₀H₂₇N₅O₅

Molecular Weight: 537.566

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	Urease-IN-18 (compound 13a) is a non-competitive urease inhibitor with an IC ₅₀ value of 1.6 μM. Urease plays a role in maintaining an alkaline environment that supports the survival and proliferation of certain pathogens within the host.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8602 mL	9.3011 mL	18.6022 mL
5 mM	0.372 mL	1.8602 mL	3.7204 mL
10 mM	0.186 mL	0.9301 mL	1.8602 mL
50 mM	0.0372 mL	0.186 mL	0.372 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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