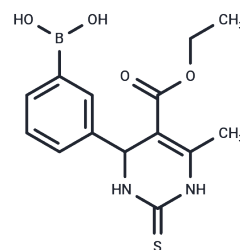


Urease-IN-16

Chemical Properties

CAS No. : 1203704-26-0
 Formula: C₁₄H₁₇BN₂O₄S
 Molecular Weight: 320.17
 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-16, with an IC ₅₀ of 132 μmol/L, is a urease inhibitor that coordinates with nickel atoms through the oxygen atoms of either carbonyl or boronic acid groups. This compound holds significant potential as an additive in the development of efficient fertilizers and medical applications.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1233 mL	15.6167 mL	31.2334 mL
5 mM	0.6247 mL	3.1233 mL	6.2467 mL
10 mM	0.3123 mL	1.5617 mL	3.1233 mL
50 mM	0.0625 mL	0.3123 mL	0.6247 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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