

Urease-IN-4

Chemical Properties

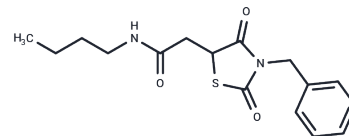
CAS No. :

Formula: C₁₆H₂₀N₂O₃S

Molecular Weight: 320.41

Appearance: no data available

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



Biological Description

Description	Urease-IN-4 is a potent urease inhibitor, demonstrating an IC ₅₀ value of 1.64 μM and exhibiting low cytotoxicity. Additionally, it exhibits inhibitory activity against <i>P. vulgaris</i> , with an IC ₅₀ value of 15.27 μg/mL.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.121 mL	15.605 mL	31.210 mL
5 mM	0.6242 mL	3.121 mL	6.242 mL
10 mM	0.3121 mL	1.5605 mL	3.121 mL
50 mM	0.0624 mL	0.3121 mL	0.6242 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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