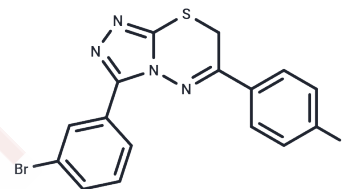


Urease-IN-7

Chemical Properties

CAS No. :	1129406-54-7
Formula:	C ₁₆ H ₁₀ BrFN ₄ S
Molecular Weight:	389.24
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-7 (Compound 5k) is a competitive inhibitor of the enzyme urease, with an IC ₅₀ of 3.33 μM and a K _i of 3.62 μM, offering potential applications in the study of peptic and gastric ulcers [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5691 mL	12.8455 mL	25.6911 mL
5 mM	0.5138 mL	2.5691 mL	5.1382 mL
10 mM	0.2569 mL	1.2846 mL	2.5691 mL
50 mM	0.0514 mL	0.2569 mL	0.5138 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

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481