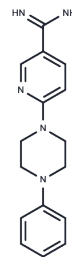


C1s-IN-1

Chemical Properties

CAS No. : 1016866-61-7
 Formula: C₁₆H₁₉N₅
 Molecular Weight: 281.36
 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	Compound A1 (C1s-IN-1) is a competitive and selective inhibitor of C1s, directly binding to the enzyme with a dissociation constant (Kd) of 9.8 μM [1].
Targets(IC50)	Complement System

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5542 mL	17.7708 mL	35.5417 mL
5 mM	0.7108 mL	3.5542 mL	7.1083 mL
10 mM	0.3554 mL	1.7771 mL	3.5542 mL
50 mM	0.0711 mL	0.3554 mL	0.7108 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481