

bio-THZ1

Chemical Properties

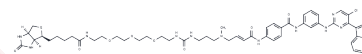
CAS No. : 1604811-14-4

Formula: C₅₂H₆₅ClN₁₂O₈S

Molecular Weight: 1053.67

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	bio-THZ1 is a biotinylated version of THZ1, a selective and irreversibly covalent CDK7 inhibitor (IC ₅₀ : 3.2 nM).
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9491 mL	4.7453 mL	9.4906 mL
5 mM	0.1898 mL	0.9491 mL	1.8981 mL
10 mM	0.0949 mL	0.4745 mL	0.9491 mL
50 mM	0.019 mL	0.0949 mL	0.1898 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.

Reference

Kwiatkowski N, et al. Targeting transcription regulation in cancer with a covalent CDK7 inhibitor. Nature. 2014 Jul 31;511(7511):616-20.

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