

TG2-IN-3h

Chemical Properties

CAS No. : 1592640-75-9

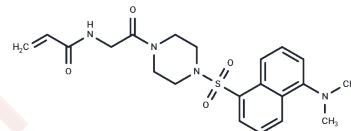
Formula: C₂₁H₂₆N₄O₄S

Molecular Weight: 430.52

Storage: Keep away from direct sunlight, Keep away from moisture

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	TG2-IN-3h is a transglutaminase (TGase) inhibitor used in the study of neurological and immune system disorders.
Targets(IC50)	Glutaminase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3228 mL	11.6139 mL	23.2277 mL
5 mM	0.4646 mL	2.3228 mL	4.6455 mL
10 mM	0.2323 mL	1.1614 mL	2.3228 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

Badarau E, et al. Development of Potent and Selective Tissue Transglutaminase Inhibitors: Their Effect on TG2 Function and Application in Pathological Conditions. Chem Biol. 2015 Oct 22;22(10):1347-61.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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