

TG101209 analog 1

Chemical Properties

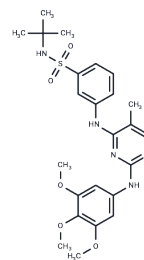
CAS No. :

Formula: C₂₄H₃₁N₅O₅S

Molecular Weight: 501.598

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	TG101209 analog 1 (Compound 8h) serves as an inhibitor of BUB1B, exhibiting an IC ₅₀ of 10.36 μM. It also possesses cytotoxic properties, demonstrated by an IC ₅₀ of 1.347 μM against Caki-1 cells, and can induce necrosis and apoptosis.
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9936 mL	9.9681 mL	19.9362 mL
5 mM	0.3987 mL	1.9936 mL	3.9872 mL
10 mM	0.1994 mL	0.9968 mL	1.9936 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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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