

BTK-IN-37

Chemical Properties

CAS No. :

Formula: C₂₉H₂₉N₉O₄S

Molecular Weight: 599.66

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	BTK-IN-37 (compound 8d), a BTK inhibitor, demonstrates potent apoptotic effects on cancer cells by targeting BTK with K _i and IC ₅₀ values of 5.07 nM and 3.6 nM, respectively. Additionally, this compound selectively promotes the enrichment of genes associated with necroptosis and pyroptosis.
Targets(IC50)	Apoptosis,BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6676 mL	8.3381 mL	16.6761 mL
5 mM	0.3335 mL	1.6676 mL	3.3352 mL
10 mM	0.1668 mL	0.8338 mL	1.6676 mL
50 mM	0.0334 mL	0.1668 mL	0.3335 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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