

BTK-IN-7

Chemical Properties

CAS No. :

Formula: C₃₀H₃₂N₆O₄

Molecular Weight: 540.61

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-7 is a selective and potent BTK inhibitor with an IC ₅₀ value of 4.0 nM. BTK-IN-7 exhibits high selectivity at both the enzymatic (ITK>250-fold, EGFR>2500-fold) and cellular levels (ITK>227-fold, EGFR27-fold). BTK-IN-7 exhibits high high antitumor effect.
Targets(IC ₅₀)	Apoptosis,Others,BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8498 mL	9.2488 mL	18.4976 mL
5 mM	0.370 mL	1.8498 mL	3.6995 mL
10 mM	0.185 mL	0.9249 mL	1.8498 mL
50 mM	0.037 mL	0.185 mL	0.370 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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