Data Sheet (Cat.No.T62997)



PI3K/AKT-IN-1

Chemical Properties

CAS No.:

Formula: C23H25N5O4S

Molecular Weight: 467.54

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	PI3K/AKT-IN-1 is a potent, dual PI3K/AKT inhibitor that acts on PI3Kγ (IC50: 6.99 μM),
	PI3Kδ (IC50: 4.01 μM) and AKT (IC50: 3.36 μM). PI3K/AKT-IN-1 induces caspase 3-
	dependent apoptosis by inhibiting the PI3K/AKT pathway. caspase 3-dependent
	apoptosis and exhibited anticancer effects.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1389 mL	10.6943 mL	21.3885 mL
5 mM	0.4278 mL	2.1389 mL	4.2777 mL
10 mM	0.2139 mL	1.0694 mL	2.1389 mL
50 mM	0.0428 mL	0.2139 mL	0.4278 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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