

BRD4 Inhibitor-25

Chemical Properties

CAS No. :

Formula: C₂₉H₂₇N₅O₆S

Molecular Weight: 573.62

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	BRD4 Inhibitor-25, a chemical compound targeting the BD1 and BD2 domains of BRD4 with half-maximal inhibitory concentrations (IC ₅₀ s) of 0.82 μM and 1.94 μM respectively, demonstrates efficacy in inducing apoptotic and autophagic cell death in ovarian cancer cells. This compound is utilized in researching cancers, cardiovascular, neuromuscular, and inflammatory disorders.
Targets(IC ₅₀)	Others,Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7433 mL	8.7166 mL	17.4331 mL
5 mM	0.3487 mL	1.7433 mL	3.4866 mL
10 mM	0.1743 mL	0.8717 mL	1.7433 mL
50 mM	0.0349 mL	0.1743 mL	0.3487 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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