

LG308

Chemical Properties

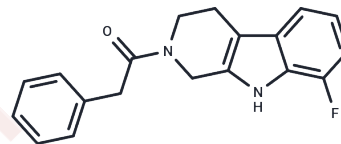
CAS No. : 1428341-65-4

Formula: C₁₉H₁₇FN₂O

Molecular Weight: 308.35

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	LG308 shows antimicrotubule activity which is a novel synthetic compound. LG308 induces apoptosis, cell death, and significantly suppresses tumor growth that has the potential for the prostate cancer research. LG308 induces arrest of mitotic phase and significantly inhibits progression of G2/M which is associated with the upregulation of cyclin B1 and mitotic marker MPM-2 and the dephosphorylation of cdc2 [1].
Targets(IC50)	Apoptosis,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2431 mL	16.2153 mL	32.4307 mL
5 mM	0.6486 mL	3.2431 mL	6.4861 mL
10 mM	0.3243 mL	1.6215 mL	3.2431 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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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