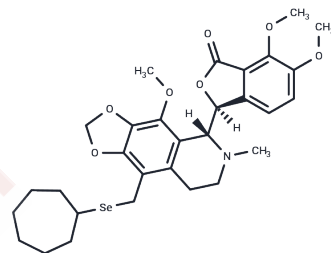


p53 Stabilizer 2

Chemical Properties

CAS No. : 2531685-87-5
 Formula: C30H37NO7Se
 Molecular Weight: 602.58
 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	p53 Stabilizer 2 (Compound 17a16) is a p53 stabilizing agent. It can induce S-phase arrest and apoptosis in both p53-functional and p53-deficient cancer cells. Additionally, p53 Stabilizer 2 triggers mitochondrial stress and activates two immune checkpoint pathways: NA-PKcs dependent p53 stabilization and the ATR-Chk1 axis activation. It also inhibits tumor growth in p53-deficient xenograft models.
Targets(IC50)	Apoptosis,Chk,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6595 mL	8.2977 mL	16.5953 mL
5 mM	0.3319 mL	1.6595 mL	3.3191 mL
10 mM	0.166 mL	0.8298 mL	1.6595 mL
50 mM	0.0332 mL	0.166 mL	0.3319 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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