

p53-MDM2-IN-6

Chemical Properties

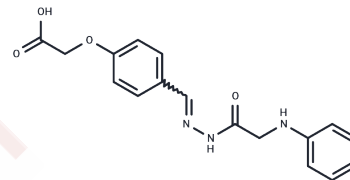
CAS No. : 1054506-59-0

Formula: C17H17N3O4

Molecular Weight: 327.33

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-MDM2-IN-6, an LSM-83177 hydrazone analog, acts as an efficacious p53-MDM2 inhibitor with an IC50 of 11.08 µg/mL. This compound inhibits the p53-MDM2 interaction leading to an increase in p-53 levels while concurrently decreasing GST enzyme expression. It halts the cell cycle at the S phase and induces early and late apoptosis (Apoptosis), exhibiting antiproliferative activity against the HT29 cell line with an IC50 of 10.44 µg/mL. p53-MDM2-IN-6 holds promise for research in colorectal cancer.
Targets(IC50)	Apoptosis,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.055 mL	15.2751 mL	30.5502 mL
5 mM	0.611 mL	3.055 mL	6.110 mL
10 mM	0.3055 mL	1.5275 mL	3.055 mL
50 mM	0.0611 mL	0.3055 mL	0.611 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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