

MeOlstPyrd

Chemical Properties

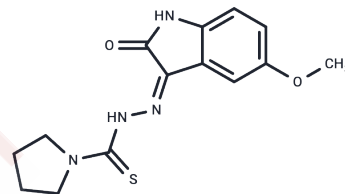
CAS No. : 2308548-54-9

Formula: C₁₄H₁₆N₄O₂S

Molecular Weight: 304.37

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	MeOlstPyrd is an anti-skin cancer agent that inhibits cell proliferation, migration, and spheroid formation by activating the mitochondrial intrinsic apoptotic pathway. It induces DNA damage, activates p53, increases its half-life, and stabilizes p53 via ser15 phosphorylation. Additionally, MeOlstPyrd interfaces with MDM2 within the p53 sub-pocket, preventing the p53-MDM2 interaction [1].
Targets(IC50)	Others,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2855 mL	16.4274 mL	32.8547 mL
5 mM	0.6571 mL	3.2855 mL	6.5709 mL
10 mM	0.3285 mL	1.6427 mL	3.2855 mL
50 mM	0.0657 mL	0.3285 mL	0.6571 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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