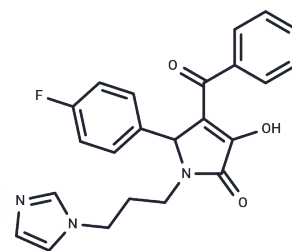


p53-Mdm2 inhibitor 4

Chemical Properties

CAS No. :	350678-63-6
Formula:	C ₂₃ H ₂₀ FN ₃ O ₃
Molecular Weight:	405.42
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 inhibitor 4 inhibits the p53-MDM2 protein-protein interaction.
Targets(IC50)	Mdm2,E1/E2/E3 Enzyme,p53,MDM-2/p53

Solubility Information

Solubility	DMSO: 3.67 mg/mL (9.05 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4666 mL	12.3329 mL	24.6658 mL
5 mM	0.4933 mL	2.4666 mL	4.9332 mL
10 mM	0.2467 mL	1.2333 mL	2.4666 mL
50 mM	0.0493 mL	0.2467 mL	0.4933 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.

Reference

Zhuang C, et al. Discovery, synthesis, and biological evaluation of orally active pyrrolidone derivatives as novel inhibitors of p53-MDM2 protein-protein interaction. J Med Chem. 2012 Nov 26;55(22):9630-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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