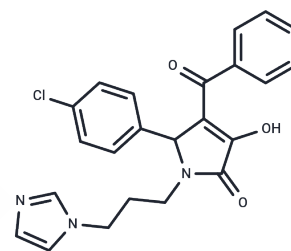


p53-MDM2-IN-1

Chemical Properties

CAS No. :	381717-91-5
Formula:	C ₂₃ H ₂₀ ClN ₃ O ₃
Molecular Weight:	421.88
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-1 (Example 30), an inhibitor of the p53-MDM2/X protein interaction, exhibits a K _i value of 23.35 μM and holds potential for applications in anti-tumor research.
Targets(IC ₅₀)	Mdm2, E1/E2/E3 Enzyme, p53, MDM-2/p53

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3703 mL	11.8517 mL	23.7034 mL
5 mM	0.4741 mL	2.3703 mL	4.7407 mL
10 mM	0.237 mL	1.1852 mL	2.3703 mL
50 mM	0.0474 mL	0.237 mL	0.4741 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

Zhang W, et al. Pyrrylketone compound and application thereof as drug. China. CN102603717.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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