

MK-4688

## Chemical Properties

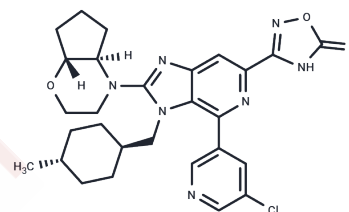
CAS No. : 1616428-79-5

Formula: C<sub>28</sub>H<sub>32</sub>ClN<sub>7</sub>O<sub>3</sub>

Molecular Weight: 550.06

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	MK-4688 is a potent inhibitor of the HDM2-p53 protein-protein interaction.
Targets(IC50)	Others,MDM-2/p53

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.818 mL	9.0899 mL	18.1798 mL
5 mM	0.3636 mL	1.818 mL	3.636 mL
10 mM	0.1818 mL	0.909 mL	1.818 mL
50 mM	0.0364 mL	0.1818 mL	0.3636 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

Reutershan MH, et al. Discovery of MK-4688: an Efficient Inhibitor of the HDM2-p53 Protein-Protein Interaction. J Med Chem. 2021 Nov 11;64(21):16213-16241.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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