

C598-0466

## Chemical Properties

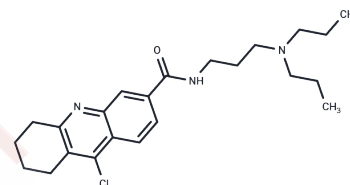
CAS No. :

Formula: C<sub>23</sub>H<sub>32</sub>ClN<sub>3</sub>O

Molecular Weight: 401.97

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	USP7 inhibitor
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: ≥40.2 mg/mL, 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	2.4877 mL	12.4387 mL	24.8775 mL
5 mM	0.4975 mL	2.4877 mL	4.9755 mL
10 mM	0.2488 mL	1.2439 mL	2.4877 mL
50 mM	0.0498 mL	0.2488 mL	0.4975 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

Ivan Diaz-Padilla, Lillian L. Siu and Ignacio Duran. Cyclin-dependent kinase inhibitors as potential targeted anticancer agents. Invest New Drugs. 2009, 27: 586-594.

Richard S Finn, Judy Dering, Dylan Conklin, Ondrej Kalous, David J Cohen, Amrita J Desai, Charles Ginther, Mohammad Atefi, Isan Chen, Camilla Fowst, Gerret Los and Dennis J Slamon. PD 0332991, a selective cyclin D kinase 4/6 inhibitor, preferentially inhibits proliferation of luminal estrogen receptor-positive human breast cancer ce

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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