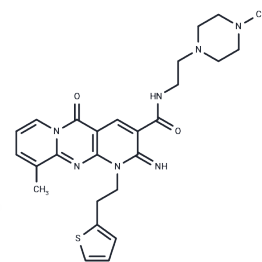


## SPOP-IN-6lc

## Chemical Properties

CAS No. :	2136270-56-7
Formula:	C <sub>26</sub> H <sub>31</sub> N <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	505.64
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	SPOP-IN-6lc is a potent SPOP inhibitor with multiple roles in cancer, oncostatic in a variety of tumors, but functions as an oncogene in renal cancer. SPOP-IN-6lc can be used to study cell signaling and apoptosis.
Targets(IC50)	Apoptosis, ERK, E1/E2/E3 Enzyme, Akt

## Solubility Information

Solubility	DMSO: 5.25 mg/mL (10.38 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	1.9777 mL	9.8885 mL	19.7769 mL
5 mM	0.3955 mL	1.9777 mL	3.9554 mL
10 mM	0.1978 mL	0.9888 mL	1.9777 mL
50 mM	0.0396 mL	0.1978 mL	0.3955 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

Dong Z, et al. Structure-Activity Relationship of SPOP Inhibitors against Kidney Cancer. J Med Chem. 2020 May 14;63(9):4849-4866.

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

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