

NSC756093

## Chemical Properties

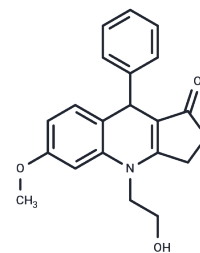
CAS No. : 1629908-92-4

Formula: C<sub>20</sub>H<sub>19</sub>NO<sub>4</sub>

Molecular Weight: 337.37

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	NSC756093 potentially inhibits GBP1:PIM1 interaction. NSC756093 can be used in ovarian cancer studies.
Targets(IC50)	Others,Pim

## Solubility Information

Solubility	DMSO: 55 mg/mL (163.03 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	2.9641 mL	14.8205 mL	29.641 mL
5 mM	0.5928 mL	2.9641 mL	5.9282 mL
10 mM	0.2964 mL	1.4821 mL	2.9641 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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

Andreoli M, et al. Identification of the first inhibitor of the GBP1:PIM1 interaction. Implications for the development of a new class of anticancer agents against paclitaxel resistant cancer cells. J Med Chem. 2014 Oct 9;57(19):7916-32.

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