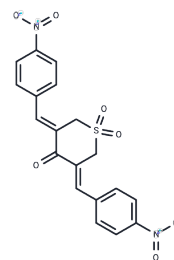


## Ubiquitin Isopeptidase Inhibitor I, G5

## Chemical Properties

CAS No. :	108477-18-5
Formula:	C19H14N2O7S
Molecular Weight:	414.39
Storage:	Store at low temperature Powder: -20°C for 3 years <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Ubiquitin Isopeptidase Inhibitor I, G5 is a caspase-independent inducer of cell necrosis that induces cell death via the death receptor pathway (IC50 of 1.76 and 1.6 $\mu$ M in E1A and E1A/C9DN cells, respectively).
Targets(IC50)	Apoptosis
In vitro	Ubiquitin Isopeptidase Inhibitor I, G5 is a more effective apoptosis inducer, with IC50 values of 1.76 $\mu$ mol/L and 1.6 $\mu$ mol/L in E1A and E1A/C9DN cells, respectively[1].

## Solubility Information

Solubility	DMSO: 20 mg/mL (48.26 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	2.4132 mL	12.0659 mL	24.1319 mL
5 mM	0.4826 mL	2.4132 mL	4.8264 mL
10 mM	0.2413 mL	1.2066 mL	2.4132 mL
50 mM	0.0483 mL	0.2413 mL	0.4826 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

Aleo E, et al. Identification of new compounds that trigger apoptosome-independent caspase activation and apoptosis. Cancer Res. 2006 Sep 15;66(18):9235-44.

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

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