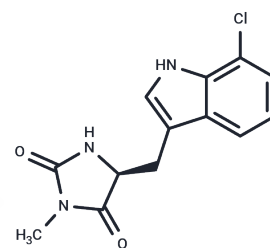


## Necrostatin 2 S enantiomer

## Chemical Properties

CAS No. :	852391-20-9
Formula:	C <sub>13</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	277.71
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	Necrostatin 2 (S enantiomer) is the S enantiomer of Necrostatin 2.
Targets(IC50)	Others,RIP kinase

## Solubility Information

Solubility	DMSO: 50 mg/mL (180.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (11.88 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6009 mL	18.0044 mL	36.0088 mL
5 mM	0.7202 mL	3.6009 mL	7.2018 mL
10 mM	0.3601 mL	1.8004 mL	3.6009 mL
50 mM	0.072 mL	0.3601 mL	0.7202 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

Teng X, Keys H, Jeevanandam A, Structure-activity relationship study of [1,2,3]thiadiazole necroptosis inhibitors. Bioorg Med Chem Lett. 2007 Dec 15;17(24):6836-40.

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Teng X, Degterev A, Jagtap P, Structure-activity relationship study of novel necroptosis inhibitors. Bioorg Med Chem Lett. 2005 Nov 15;15(22):5039-44.

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