

# Necrostatin 2 (S enantiomer)

Catalog No: tcsc1665



## Available Sizes

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**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

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**CAS No:**

852391-20-9

**Formula:**

$C_{13}H_{12}ClN_3O_2$

**Pathway:**

Apoptosis

**Target:**

TNF Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

277.71

## Product Description

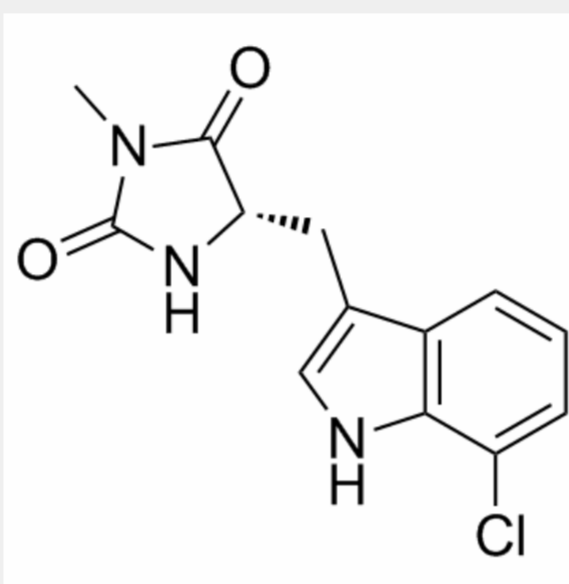
Necrostatin 2 is a potent necroptosis inhibitor with EC50 of 50 nM.

IC50 Value: 50 nM (EC50) [1]

Target: TNF-alpha

Necrostatin 2 is a potent in vitro necroptosis inhibitors (exemplified by 1, EC50-0.05 uM) that also were efficacious in an animal model of ischemic stroke. Many Necroptosis inhibitor derivatives are designed for researchers.

Necroptosis is a regulated caspase-independent cell death mechanism that results in morphological features resembling necrosis. It can be induced in a FADD-deficient variant of human Jurkat T cells treated with TNF-a. 5-(1H-Indol-3-ylmethyl)-2-thiohydantoins and 5-(1H-indol-3-ylmethyl)hydantoins were found to be potent necroptosis inhibitors (called necrostatins).



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!