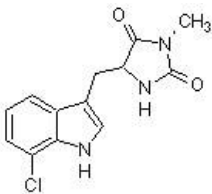


Product datasheet

7-Cl-O-Nec1, metabolically stable RIP1 inhibitor ab221984

[9 References](#) [1 Image](#)

Overview

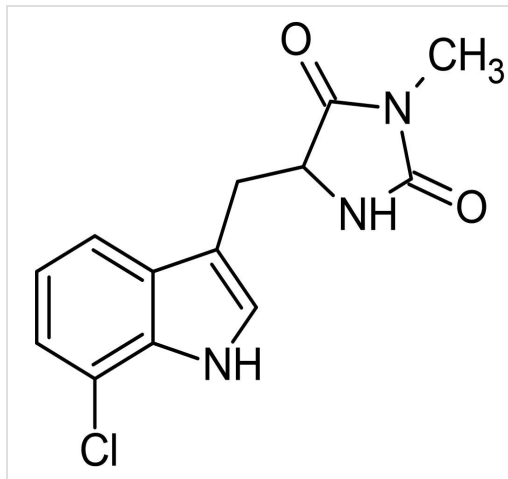
Product name	7-Cl-O-Nec1, metabolically stable RIP1 inhibitor
Description	Potent, selective, metabolically stable RIP1 inhibitor
Biological description	Necrostatin-1 (ab141053) analog with superior selectivity and metabolic stability in blocking RIP1. No off-target inhibition of indolamine-2,3-deoxygenase (IDO) in contrast to Necrostatin-1. Higher activity in inhibiting necroptosis in Jurkat cells than Necrostatin-1 (EC ₅₀ = 210 nM vs. EC ₅₀ = 490 nM).
Purity	> 98%
CAS Number	852391-15-2
Chemical structure	

Properties

Chemical name	5-((7-Chloro-1H-indol-3-yl)methyl)-3-methylimidazolidine-2,4-dione
Molecular weight	277.71
Molecular formula	C ₁₃ H ₁₂ ClN ₃ O ₂
PubChem identifier	643953
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in DMSO to 90 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILESCN1C(=O)C(NC1=O)CC2=CNC3=C2C=CC=C3Cl**Source**

Synthetic

Images

2D chemical structure image of ab221984, 7-Cl-O-Nec1, metabolically stable RIP1 inhibitor

Chemical Structure - 7-Cl-O-Nec1, metabolically stable RIP1 inhibitor (ab221984)

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