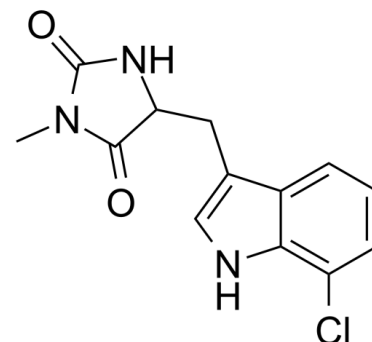


Data Sheet

Product Name:	Necrostatin 2 (racemate)
Cat. No.:	CS-1664
CAS No.:	852391-15-2
Molecular Formula:	C ₁₃ H ₁₂ ClN ₃ O ₂
Molecular Weight:	277.71
Target:	RIP kinase
Pathway:	Apoptosis
Solubility:	DMSO : ≥ 50 mg/mL (180.04 mM)



BIOLOGICAL ACTIVITY:

Necrostatin 2 racemate (Nec-1S), the Nec-1 stable, is a potent and specific **RIPK1** inhibitor lacking the IDO-targeting effect^[1]. IC₅₀ & Target: RIPK1^[1]

References:

[1]. Takahashi N, et al. Necrostatin-1 analogues: critical issues on the specificity, activity and in vivo use in experimental disease models. Cell Death Dis. 2012 Nov 29;3:e437.

CAIndexNames:

2,4-Imidazolidinedione, 5-[(7-chloro-1H-indol-3-yl)methyl]-3-methyl-

SMILES:

C1C1=C2C(C(CC3C(N(C)C(N3)=O)=O)=CN2)=CC=C1

Caution: Product has not been fully validated for medical applications. For research use only.

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