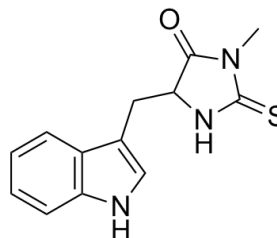


Product Name	: Necrostatin-1
Synonyms	: Nec-1
Cat No.	: M14462
CAS Number	: 4311-88-0
Molecular Formula	: C ₁₃ H ₁₃ N ₃ O ₂ S
Formula Weight	: 259.33
Chemical Name	: 5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo-4-imidazolidinone
Description	: Necrostatin-1 is a specific RIP1 inhibitor and inhibits TNF- α -induced necroptosis with EC ₅₀ of 490 nM.
Pathway	: Apoptosis
Target	: TNF
Receptor	: RIP1
Solubility	: DMSO: 51 mg/mL warmed (196.66 mM)
SMILES	: <chem>O=C1C(C(=C2C=CC=CC=C2N1)CN(C)C=S)C3=CC=CC=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Han W, et al. Apoptosis. 2009 May;14(5):674-86.