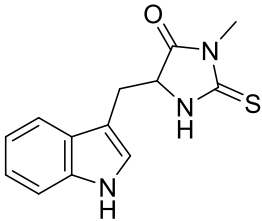




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
522437	Necrostatin-1	A20T05K13

Chemical name	
5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo-4-imidazolidinone	
Synonyms	
Necrostatin-1; Necrostatin1; Necrostatin 1; Nec-1; Nec 1; Nec1	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 522437 Name: Necrostatin-1 CAS#: 4311-88-0 LOT#: A20T05K13 Chemical Formula: C ₁₃ H ₁₃ N ₃ OS Exact Mass: 259.07793 Molecular Weight: 259.33

Analysis item	Specifications / Results
Appearance	Light yellow to yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE