

Product Name	: Necrostatin-34
Synonyms	: 2-[[3-cyano-4-(4-methylphenyl)-6-oxo-1,4
Cat No.	: M24335
CAS Number	: 375835-43-1
Molecular Formula	: C ₁₈ H ₁₆ N ₄ O ₂ S ₂
Formula Weight	: 384.5
Chemical Name	: —
Description	: Necrostatin-34 is a RIPK1 kinase inhibitor, stabilizing RIPK1 kinase in an inactive conformation by occupying a distinct binding pocket in the kinase domain.
Pathway	: Apoptosis
Target	: RIP kinase
Receptor	: RIPK1
Solubility	: DMSO:125 mg/mL (325.11 mM; Need ultrasonic)
SMILES	: <chem>O=C(NC1=NC=CS1)CSC2=C(C#N)C(C3=CC=C(C)C=C3)CC(N2)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Huyan Meng, et al. Discovery of a cooperative mode of inhibiting RIPK1 kinase. Cell Discov. 2021 Jun 1;7(1):41.