

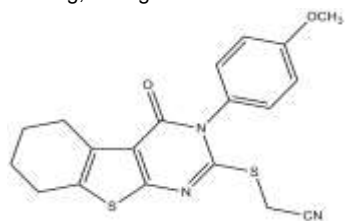
Necrostatin-5

ALTERNATE NAME: 3-p-Methoxyphenyl-5,6-tetramethylenothieno[2,3-d]pyrimidin-4-one-2-mercaptoethylcyanide; Nec-5

CATALOG #: 1865-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₇N₃O₂S₂

MOLECULAR WEIGHT: 383.49

CAS NUMBER: 337349-54-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by NMR

STORAGE: Store at -20 °C

DESCRIPTION: Inhibits non-apoptotic cell death pathway by inhibition of the death domain receptor-associated adaptor kinase RIP1. Three distinct mechanisms appear to be involved in necroptosis, the alternative active cell death pathway: T-loop dependent inhibition by necrostatin-1; partially T-loop independent inhibition by necrostatin-3 and indirect inhibition of RIP1 by necrostatin-5.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Necrostatin-1 (Cat. No. 1864-5, 25)
- Q-VD-OPh (Cat. No. 1170-1, 5)
- Q-VE-OPh (Cat. No. 1171-1, 5)
- Z-VAD(OMe)-FMK (Cat. No. 1140-1, 5)
- Z-VAD(OMe)-FMK (Cat. No. 1010-100, 1010-20C)