

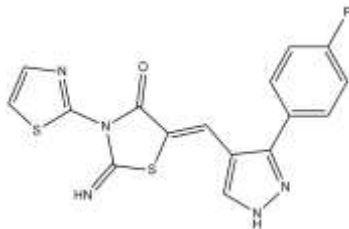
## Necrostatin-7

**ALTERNATE NAME:** (Z)-5-((3-(4-Fluorophenyl)-1H-pyrazol-4-yl)methylene)-2-imino-3-(thiazol-2-yl)thiazolidin-4-one; Nec-7

**CATALOG #:** 1866-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>16</sub>H<sub>10</sub>N<sub>5</sub>OS<sub>2</sub>F

**MOLECULAR WEIGHT:** 371.41

**CAS NUMBER:** 351062-08-3

**APPEARANCE:** Yellow solid

**SOLUBILITY:** DMSO or EtOH

**PURITY:** ≥98% by NMR

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A necroptosis inhibitor. The biological activity of necrostatin-7 (Nec-7) is different from that of necrostatin-1 to -5 as Nec-7 does not inhibit RIP1 kinase. Nec-7 may target an additional regulatory molecule in the pathway.

**REFERENCE:** Zheng, W., *et al.* (2008). *Bioorg. Med. Chem.* **18**, 4932-4935.

**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)
- Necrostatin-5 (Cat. No. 1865-5, 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)