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:

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\begin{center}
\includegraphics[width=0.5\textwidth]{necrostatin-7structure.png}
\end{center}
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MOLECULAR FORMULA: \(C_{16}H_{10}N_5O_3S_F\)
MOLECULAR WEIGHT: 371.41
CAS NUMBER: 351062-08-3
APPEARANCE: Yellow solid
SOLUBILITY: DMSO or EtOH
PURITY: \(\geq98\%\) by NMR
STORAGE: Store at \(-20^\circ\text{C}\)
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.
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)