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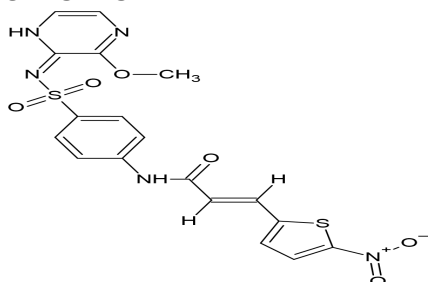
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Necrosulfonamide

ALTERNATE NAME: (*E*)-*N*-[4-[(3-methoxypyrazin-2-yl)sulfamoyl]phenyl]-3-(5-nitrothiophen-2-yl)prop-2-enamide

CATALOG #: AUR10634

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₅N₅O₆S₂

MOLECULAR WEIGHT: 461.5

CAS#: 432531-71-0; 1360614-48-7

APPEARANCE: Dark yellow solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: >95% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: Necrosulfonamide is a potent necroptosis inhibitor. It blocks mixed lineage kinase domain-like protein (MLKL), a critical substrate of receptor-interacting serine-threonine kinase 3 (RIP3) during necrosis. Prevents MLKL-RIP1-RIP3 necrosome complex from interacting with downstream necrosis effectors.

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