

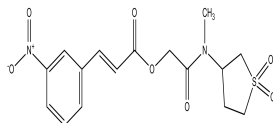
Product: CID-5951923

ALTERNATE NAME: 2-[Methyl(tetrahydro-1,1-dioxido-3-thienyl)amino]-2-oxoethyl (E)-3-(3-nitrophenyl)prop-2-enoate

CATALOG #: 2690-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₈N₂O₇S

MOLECULAR WEIGHT: 382.39

CAS NUMBER: 749872-43-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~ 30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: CID-5951923 is an Inhibitor of Krüppel-like factor 5 (KLF5) transcription factor (IC₅₀ = 2.3 μM). Significantly reduces endogenous KLF5 protein levels and decreases viability of colon cancer cells, without affecting the nontransformed intestinal epithelial cells IEC-6.

REFERENCES: Bialkowska, A.B., *et al.* (2011). *Mol. Cancer Ther.* **10**, 2043-2051.

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

RELATED PRODUCTS:

KLF4 antibody (Cat. No. 3089-200)

KLF4 antibody (4E5C3) (Cat. No. 5299-100)

KLF4 antibody (4G6E11) (Cat. No. 5300-100)

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