

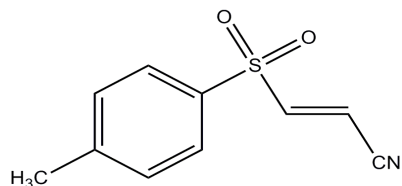
BAY 11-7082

ALTERNATE NAME: (E)-3-(4-Methylphenylsulfonyl)-2-propenenitrile

CATALOG #: 1867-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₉NO₂S

MOLECULAR WEIGHT: 207.25

CAS NUMBER: 19542-67-7

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO or EtOH

PURITY: ≥99%

STORAGE: Store at +2 to +8 °C

DESCRIPTION: Potential anti-inflammatory agent. Selectively and irreversibly inhibits NF-κB activation by blocking TNF-α-induced phosphorylation of IκB-α without affecting constitutive IκB-α phosphorylation. Inhibits the TNF-α-induced surface expression of adhesion molecules ICAM-1, VCAM-1, and E-selectin in human endothelial cells with IC₅₀ values of 5-10 μM.

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:

- Honokiol (Cat. No. 1762-10, 50)
- PDTC (Cat. No. 1676-100)
- Triptolide (Cat. No. 1761-1,5)