

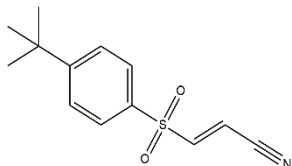
BAY 11-7085

ALTERNATE NAME: (E)-3-(4-t-Butylphenylsulfonyl)-2-propenenitrile
3-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-2E-propenenitrile

CATALOG #: B2329-10
B2329-50

AMOUNT: 10 mg
50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₁₅NO₂S

MOLECULAR WEIGHT: 249.33

CAS NUMBER: 196309-76-9

APPEARANCE: White solid

PURITY: ≥98% by HPLC

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

SOLUBILITY: >20 mg/ml (EtOH)
>20 mg/ml (DMSO)

REFERENCES: Pierce, J.W., et al. (1997). J. Biol. Chem. 272, 21096-21103

DESCRIPTION: An irreversible inhibitor of IκBα phosphorylation, preventing activation of NF-κB by cytokines and lipopolysaccharide (IC₅₀ = 10 μM). It prevents gene expression that is regulated through the classical pathway of NF-κB activation and thus blocks apoptosis, cell adhesion, and inflammation.

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

RELATED PRODUCTS:

BMS-345541 (B1907)
IKK16 (B1087)
PS-1145 (9671)
BAY 11-7082 (1867)
NF-κB Inhibitor, SN-50 (2506)

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