



BAY 11-7082

NF-κB Inhibitor

E1B1523

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PRODUCT: BAY 11-7082

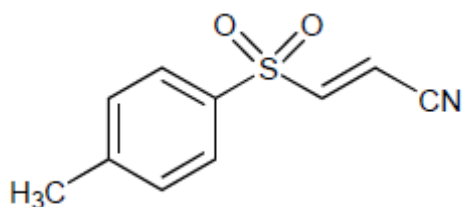
(E)-3-[4-methylphenylsulfonyl]-2-propenenitrile

CAS NO: 195462-67-7

CATALOG NO.: E1B1523

Package: 2mg (20mg/ml in DMSO, 100ul)

STRUCTURE:



PHYSICAL APPEARANCE: Off-white solid (m.p. 128-130°C)

MOLECULAR FORMULA: C₁₀H₉NO₂S

MOLECULAR WEIGHT: 207.3

PURITY: 99%

STORAGE: Store solutions at -20°C for up to 1 year.

APPLICATION NOTES: Inhibitor of cytokine-induced NF-κB phosphorylation. Inhibited NF-κB activated expression of ICAM-1, VCAM-1, E-selectin, IL-6 and IL-8, in TNF \square treated HUVECs, with IC₅₀'s of 5-10 μ M. The inhibition of NF-κB phosphorylation and cell adhesion molecule expression and the stabilization of NF-κB were found to be irreversible effects.

REFERENCES:

J.W. Pierce et al. J. Biol. Chem. 1997 272 21096

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

For Research Use Only