

Catalog	Unit
TBI1296 - 10MG	10 mg
TBI1296 - 50MG	50 mg

Product Details

Formal Name: (E)-3-(4-Methylphenylsulfonyl)-2-propenenitrile

Molecular Formula: C₁₀H₉NO₂S

Formula Weight: 207.27

CAS Number: 19542-67-7

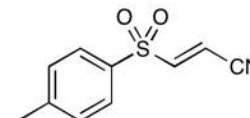
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

IKK inhibitor

Functions

BAY 11-7082 (19542-67-7) inhibits cytokine-induced IκB-α phosphorylation via inhibition of IκB Kinase which results in inhibition of NFκB. Inhibits anchorage-independent growth of mammary epithelial cells induced with 4-hydroxyestradiol via inhibition of NFκB activation. Inhibits IFNα production and blocks nuclear translocation of IRF7 in plasmacytoid dendritic cells. Facilitates wound healing by inhibiting TNFα-induced MMP expression. A useful tool for probing the involvement of NFκB in physiological and pathophysiological processes. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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