BAY 11-7085

NF-κB inhibitor

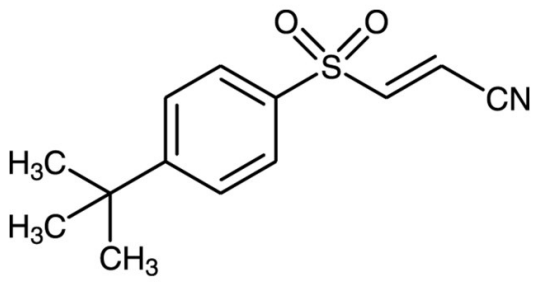
An irreversible inhibitor of cytokine-inducible IκBα phosphorylation (IC_{50} =10 μM). In intact HUVECs it inhibits TNFα-induced phosphorylation and degradation of IκBα without affecting constitutive phosphorylation. Inhibition of IκBα phosphorylation and degradation results in the inactivation of NF-κB and NF-κB-dependent expression of endothelial-leukocyte adhesion molecules, E-selectin, VCAM-1 and ICAM-1. BAY 11-7085 displayed potent anti-inflammatory activity in the rat carrageenan paw edema assay and adjuvant arthritis model.

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BML-EI279-0010	10mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light. Keep under inert gas.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	196309-76-9
Couple Target	NF-kappaB
Couple Type	Inhibitor
Formula	$C_{13}H_{15}NO_2S$
MW	249.3
Purity	≥99% (TLC)
Solubility	Soluble in DMSO (>25mg/ml) or 100% ethanol (>25mg/ml). Insoluble in water.

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