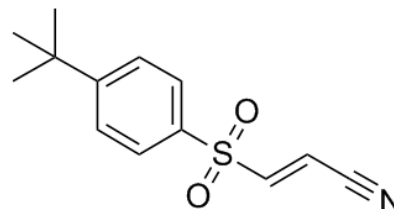


Product Name : BAY 11-7085
Cat. No. : PC-42493
CAS No. : 196309-76-9
Molecular Formula : C₁₃H₁₅NO₂S
Molecular Weight : 249.3287
Target : NF-κB
Solubility : DMSO: ≥ 26 mg/mL



Biological Activity

BAY 11-7085 is an inhibitor of the expression of ICAM-1, VCAM-1, and E-selectin in human endothelial cells (IC₅₀=5-10 μM), acts by selectively inhibiting TNFα-induced phosphorylation of **IκB-α** without affecting the constitutive IκB-α phosphorylation.

BAY 11-7085 prevents PMA-induced NF-kappaB nuclear translocation.

BAY 11-7085 reduces swelling in both the rat carrageenan paw edema assay and in a rat adjuvant arthritis model.

References

Pierce JW, et al. *J Biol Chem*. 1997 Aug 22;272(34):21096-103.

Hu X, et al. *Cancer Res*. 2001 Aug 15;61(16):6290-6.

Vielma SA, et al. *Circ Res*. 2003 May 30;92(10):1130-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com