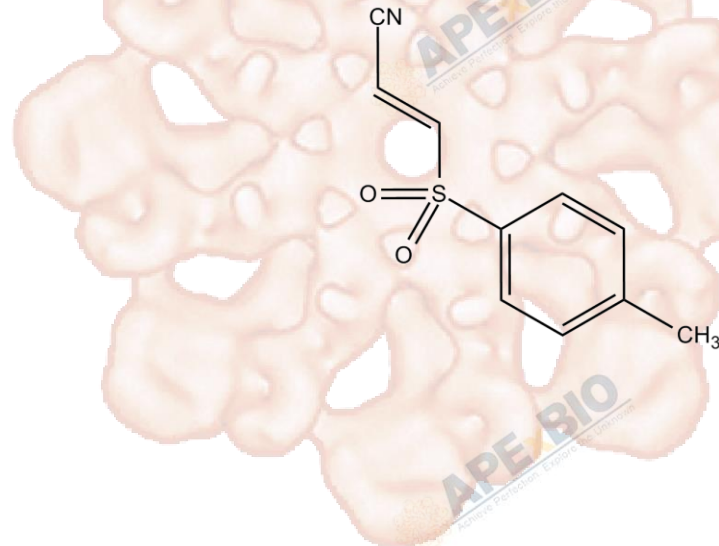


Product Data Sheet

Bay 11-7821 (BAY 11-7082)

Cat. No.:	A4210
CAS No.:	19542-67-7
Formula:	C ₁₀ H ₉ NO ₂ S
M.Wt:	207.25
Synonyms:	
Target:	Immunology/Inflammation
Pathway:	IκB/IKK
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥64 mg/mL in DMSO; ≥10.64 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		4.8251 mL	24.1255 mL	48.2509 mL
	5 mM		0.9650 mL	4.8251 mL	9.6502 mL
	10 mM		0.4825 mL	2.4125 mL	4.8251 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

IKK/NF-κB/TNFα inhibitor

IC₅₀ & Target

(E2 ubiquitin conjugating enzyme), 10 μM (NF-κB)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. MXinwei Feng¹, Junfeng Lu², et al. "Mycobacterium smegmatis Induces Neurite Outgrowth and Differentiation in an Autophagy-Independent Manner in PC12 and C17.2 Cells." Front. Cell. Infect. Microbiol., 19 June 2018.

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX^xBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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