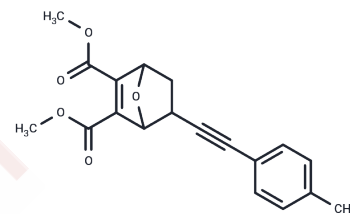


NF-κB-IN-11

Chemical Properties

CAS No. :	2768833-35-6
Formula:	C ₁₉ H ₁₈ O ₅
Molecular Weight:	326.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	NF-κB-IN-11 (Compound 3i) is an inhibitor of NF-κB, effectively blocking TNF-α-induced NF-κB pathway activation and nuclear translocation of NF-κB, alongside reducing expression levels of phospho-IKK, IκBα, and NF-κB p65. Demonstrating anti-inflammatory properties, it mitigates dextran sulfate sodium-induced colitis in mice and exhibits a maximum tolerated dose (MTD) exceeding 1852 mg/kg in acute toxicity assays when administered orally (p.o.) [1].
Targets(IC50)	NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0643 mL	15.3214 mL	30.6429 mL
5 mM	0.6129 mL	3.0643 mL	6.1286 mL
10 mM	0.3064 mL	1.5321 mL	3.0643 mL
50 mM	0.0613 mL	0.3064 mL	0.6129 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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