

NF- κ B-IN-10

Chemical Properties

CAS No. :

Formula: C₂₆H₃₀N₂O₄

Molecular Weight: 434.53

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- κ B-IN-10 (compound E1) is an NF- κ B inhibitor that mitigates heart failure symptoms by modulating the Nrf2/NF- κ B signaling pathway, alleviating oxidative stress and inflammation. It suppresses LPS-induced NO production and downregulates iNOS and COX-2 expression in RAW264.7 cells, showing potential for cardiovascular disease research [1].
Targets(IC50)	NF- κ B

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3013 mL	11.5067 mL	23.0134 mL
5 mM	0.4603 mL	2.3013 mL	4.6027 mL
10 mM	0.2301 mL	1.1507 mL	2.3013 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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

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