

NF- κ B-IN-9

Chemical Properties

CAS No. :

Formula: C62H50N4O4S

Molecular Weight: 947.15

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-9, a nuclear factor kappa B (NF- κ B) targeting sonosensitizer with excitation and emission wavelengths ($\lambda_{ex}/\lambda_{em}$) of 489/628 nm, features dual resveratrol units that strongly inhibit NF- κ B signaling. This compound demonstrates notable anti-tumor properties and pronounced sonocytotoxicity against cancer cells, maintaining biosafety in xenograft mouse models.
Targets(IC50)	Others,NF- κ B

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0558 mL	5.279 mL	10.558 mL
5 mM	0.2112 mL	1.0558 mL	2.1116 mL
10 mM	0.1056 mL	0.5279 mL	1.0558 mL
50 mM	0.0211 mL	0.1056 mL	0.2112 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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