

NDNA4

Chemical Properties

CAS No. :

Formula: C31H35F3N2O5S

Molecular Weight: 604.68

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	NDNA4 (compound 17) is a selective Hsp90 α inhibitor (IC ₅₀ : 0.34 μ M) with permanent charge and low membrane permeability. It demonstrates minimal cytotoxicity against Ovar-8 and MCF-10A cell lines (IC ₅₀ >100 μ M) and maintains hERG channel maturation without triggering a heat shock response or degrading Hsp90 α -dependent client proteins [1].
Targets(IC50)	HSP,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6538 mL	8.2688 mL	16.5377 mL
5 mM	0.3308 mL	1.6538 mL	3.3075 mL
10 mM	0.1654 mL	0.8269 mL	1.6538 mL
50 mM	0.0331 mL	0.1654 mL	0.3308 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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