

NDNA3

Chemical Properties

CAS No. :

Formula: C28H32N2O3S

Molecular Weight: 476.63

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	NDNA3 (compound 14) selectively inhibits Hsp90 α with an IC50 of 0.51 μ M, demonstrating low membrane permeability and minimal toxicity to Ovar-8 and MCF-10A cells, with IC50 values of 12.66 μ M and 11.72 μ M respectively. It stabilizes hERG channel maturation without eliciting 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	2.0981 mL	10.4903 mL	20.9806 mL
5 mM	0.4196 mL	2.0981 mL	4.1961 mL
10 mM	0.2098 mL	1.049 mL	2.0981 mL
50 mM	0.042 mL	0.2098 mL	0.4196 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.

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