

NDJ18

Chemical Properties

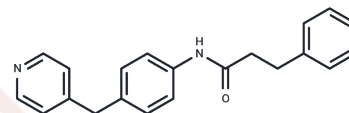
CAS No. : 328281-55-6

Formula: C₂₁H₂₀N₂O

Molecular Weight: 316.4

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	NDJ18 is a potent and selective SIRT2 inhibitor which validated the in silico protocol and opened up the possibility for generalization and broadening of its application. The anticancer effects of the most potent compound NDJ18 were examined on the triple-negative breast cancer cell line. Results indicated that NDJ18 represents a promising structure suitable for further evaluation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1606 mL	15.8028 mL	31.6056 mL
5 mM	0.6321 mL	3.1606 mL	6.3211 mL
10 mM	0.3161 mL	1.5803 mL	3.1606 mL
50 mM	0.0632 mL	0.3161 mL	0.6321 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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