

CypE-IN-1

Chemical Properties

CAS No. :

Formula: C46H49BN6O9

Molecular Weight: 840.73

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	CypD-IN-1, a potent and subtype-selective inhibitor targeting cyclophilin E (CypE), demonstrates high affinity with IC ₅₀ and K _i values of 0.013 μ M and 0.072 μ M, respectively. This compound is valuable for research into various conditions, including oxidative stress, neurodegenerative disorders, liver diseases, aging, autophagy, and diabetes [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1894 mL	5.9472 mL	11.8944 mL
5 mM	0.2379 mL	1.1894 mL	2.3789 mL
10 mM	0.1189 mL	0.5947 mL	1.1894 mL
50 mM	0.0238 mL	0.1189 mL	0.2379 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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