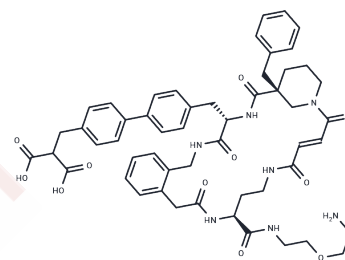


## CypD-IN-3

## Chemical Properties

CAS No. : 2651994-75-9  
 Formula: C53H61N7O11  
 Molecular Weight: 972.09  
 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	CypD-IN-3, a potent and subtype-selective cyclophilin D (CypD) inhibitor, exhibits a high affinity for CypD with an IC <sub>50</sub> value of 0.01 μM. It is applicable in the research of various conditions, such as oxidative stress, neurodegenerative disorders, liver diseases, aging, autophagy, and diabetes [1].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0287 mL	5.1436 mL	10.2871 mL
5 mM	0.2057 mL	1.0287 mL	2.0574 mL
10 mM	0.1029 mL	0.5144 mL	1.0287 mL
50 mM	0.0206 mL	0.1029 mL	0.2057 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

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

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