

## PARL-IN-1

## Chemical Properties

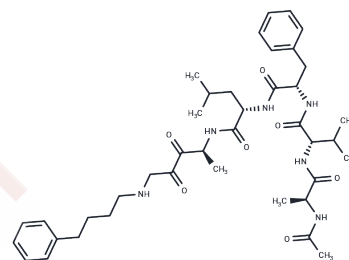
CAS No. :

Formula: C40H58N6O7

Molecular Weight: 734.92

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	PARL-IN-1, a potent PARL inhibitor, exhibits an IC50 value of 28 nM. It effectively inhibits PARL, consequently robustly activating the PINK1/Parkin pathway and promoting PINK1/Parkin-dependent mitophagy.
Targets(IC50)	PTEN,Mitophagy,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3607 mL	6.8035 mL	13.6069 mL
5 mM	0.2721 mL	1.3607 mL	2.7214 mL
10 mM	0.1361 mL	0.6803 mL	1.3607 mL
50 mM	0.0272 mL	0.1361 mL	0.2721 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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