

SR-302

## Chemical Properties

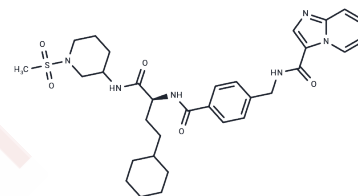
CAS No. : 2771319-74-3

Formula: C32H42N6O5S

Molecular Weight: 622.778

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	SR-302 is a potent and selective inhibitor of DDR/p38, with IC50 values of 0.125 $\mu$ M for p38 $\alpha$ , 0.023 $\mu$ M for DDR1, and 0.018 $\mu$ M for DDR2. It is utilized in research related to fibrotic diseases, such as kidney and lung fibrosis, atherosclerosis, and various types of cancer.
Targets(IC50)	Discoidin Domain Receptor (DDR),p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6057 mL	8.0285 mL	16.057 mL
5 mM	0.3211 mL	1.6057 mL	3.2114 mL
10 mM	0.1606 mL	0.8029 mL	1.6057 mL
50 mM	0.0321 mL	0.1606 mL	0.3211 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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