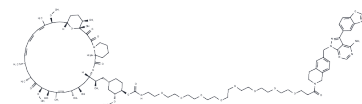


RMC-5552

Chemical Properties

CAS No. : 2382768-62-7
Formula: C93H136N10O24
Molecular Weight: 1778.157
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description
RMC-5552 is a potent and selective inhibitor of mTORC1. RMC-5552 inhibits phosphorylation of mTORC1 pS6K and p4EBP1 with IC50s of 0.14 nM and 0.48 nM, respectively. RMC-5552 has anti-cancer activity.

Solubility Information

Solubility
DMSO: 166.67 mg/mL (93.73 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5624 mL	2.8119 mL	5.6238 mL
5 mM	0.1125 mL	0.5624 mL	1.1248 mL
10 mM	0.0562 mL	0.2812 mL	0.5624 mL
50 mM	0.0112 mL	0.0562 mL	0.1125 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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