

SPR39

Chemical Properties

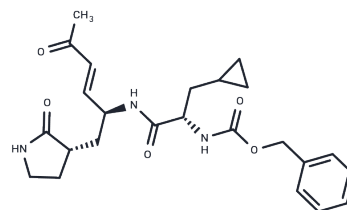
CAS No. :

Formula: C₂₄H₃₁N₃O₅

Molecular Weight: 441.52

Appearance: no data available

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



Biological Description

Description	SPR39, a potent inhibitor of the SARS-CoV-2 main protease (Mpro), demonstrates inhibitory K_i values of 0.252 μ M for SARS-CoV-2 Mpro, and 3.38 and 7.88 μ M for human Cathepsin L (hCatL) and human Cathepsin B (hCatB) respectively. It exhibits antiviral properties and cytotoxicity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2649 mL	11.3245 mL	22.649 mL
5 mM	0.453 mL	2.2649 mL	4.5298 mL
10 mM	0.2265 mL	1.1325 mL	2.2649 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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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