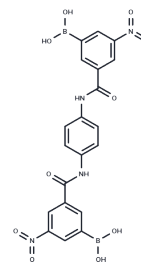


FL-166

Chemical Properties

CAS No. : 693235-40-4
 Formula: C₂₀H₁₆B₂N₄O₁₀
 Molecular Weight: 493.98
 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	FL-166 is an inhibitor of the SARS coronavirus main protease (Mpro) with a Ki of 40 nM. It exerts its inhibitory effect by targeting a cluster of serine residues near the protease's active site. FL-166 is applicable in research related to SARS-CoV.
Targets(IC50)	SARS-CoV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0244 mL	10.1219 mL	20.2437 mL
5 mM	0.4049 mL	2.0244 mL	4.0487 mL
10 mM	0.2024 mL	1.0122 mL	2.0244 mL
50 mM	0.0405 mL	0.2024 mL	0.4049 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481