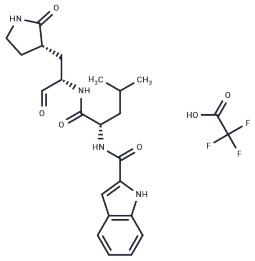
Data Sheet (Cat.No.T202641L)

TargetMol

AC1115 TFA

Chemical Properties



CAS No. :

Formula: C24H29F3N4O6

Molecular Weight: 526.51

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	AC1115 TFA is a potent, selective antiviral drug and the active form of olgotrelvir. AC1115 TFA targets the Mpro of SARS-CoV-2 as well as the host lysosomal cysteine protease cathepsin L (CTSL), exhibiting high antiviral activity.
Targets(IC50)	Cysteine Protease,SARS-CoV,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8993 mL	9.4965 mL	18.993 mL
5 mM	0.3799 mL	1.8993 mL	3.7986 mL
10 mM	0.1899 mL	0.9496 mL	1.8993 mL
50 mM	0.038 mL	0.1899 mL	0.3799 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.

Reference

Mao L, et al. Olgotrelvir, a dual inhibitor of SARS-CoV-2 Mpro and cathepsin L, as a standalone antiviral oral intervention candidate for COVID-19. Med. 2024-1-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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