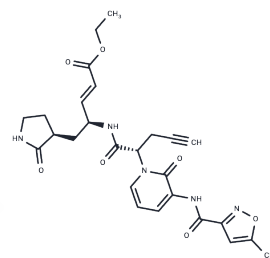


AG-7404

Chemical Properties

CAS No. : 343565-99-1
 Formula: C₂₆H₂₉N₅O₇
 Molecular Weight: 523.54
 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	AG-7404 is a potent protease inhibitor with anti-poliovirus activity. AG-7404 was active against all virus with EC ₅₀ values ranging from 0.080 to 0.674 μM. AG-7404 was fully active against V-073-resistant variants with EC ₅₀ values ranging from 0.218 to 0.819 μM, compared to values ranging from 0.202 to 0.407 μM for the V-073-susceptible parental strains.
Targets(IC ₅₀)	Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9101 mL	9.5504 mL	19.1007 mL
5 mM	0.382 mL	1.9101 mL	3.8201 mL
10 mM	0.191 mL	0.955 mL	1.9101 mL
50 mM	0.0382 mL	0.191 mL	0.382 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

Rhoden E, Liu HM, Wang-Chern SW, Oberste MS. Anti-poliovirus activity of protease inhibitor AG-7404, and assessment of in vitro activity in combination with antiviral capsid inhibitor compounds. Antiviral Res. 2013 May;98(2):186-91. doi: 10.1016/j.antiviral.2013.03.003. Epub 2013 Mar 13. Erratum in: Antiviral Res. 2013 Sep;99(3):436. PubMed PMID: 23499651.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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