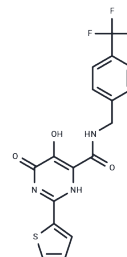


pUL89 Endonuclease-IN-2

Chemical Properties

CAS No. :	519021-48-8
Formula:	C17H12F3N3O3S
Molecular Weight:	395.36
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	pUL89 Endonuclease-IN-2 (Compound 15k) is a highly effective inhibitor of the pUL89 endonuclease of human cytomegalovirus (HCMV), demonstrating potent antiviral activities with an IC50 of 3.0 μ M [1].
Targets(IC50)	Others,Virus Protease
In vitro	In a cell viability assay conducted on HFF cell lines, the chemical compound was administrated at a concentration of 10 μ M and incubated for 168 hours. The results demonstrated inhibition of HCMV replication within HFF cells, achieving an EC50 value of 14.4 μ M.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5293 mL	12.6467 mL	25.2934 mL
5 mM	0.5059 mL	2.5293 mL	5.0587 mL
10 mM	0.2529 mL	1.2647 mL	2.5293 mL
50 mM	0.0506 mL	0.2529 mL	0.5059 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

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