Data Sheet (Cat.No.T61840)



pUL89 Endonuclease-IN-2

Chemical Properties

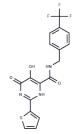
CAS No.: 519021-48-8

Formula: C17H12F3N3O3S

Molecular Weight: 395.36

Appearance: no data available

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



Biological Description

Description	pUL89 Endonuclease-IN-2 (Compound 15k) is a highly effective inhibitor of the pUL89 endonuclease of human cytomegalovirus (HCMV). With an IC50 of 3.0 μ M, it exhibits potent antiviral activities [1].
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	2.52 <mark>93 mL</mark>	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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

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