Data Sheet (Cat.No.T61563)



HSV-1/HSV-2-IN-2

Chemical Properties

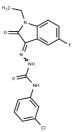
CAS No.: 2490468-39-6

Formula: C17H14ClFN4OS

Molecular Weight: 376.84

Appearance: no data available

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



Biological Description

Description	HSV-1/HSV-2-IN-2 is a compound that acts as an inhibitor of HSV-1, HSV-2, and VV, demonstrating antiviral activity with EC50 values of 6.8, 8.9, and 8.9 μ M, respectively [1].
In vitro	HSV-1/HSV-2-IN-2, at a concentration of 100 μ M administered over 3-6 days in HEL cell cultures, demonstrated effectiveness and non-toxicity against HSV-1 (KOS), HSV-2 (G), HSV-1 TK- KOS ACVr, and VV at low micromolar doses (6.8, 8.9, 6.8, and 8.9 μ M, respectively). These results underscore its potential as a non-toxic, effective treatment option against these strains.

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	2.6536 mL	13.2682 mL	26.5365 mL	
5 mM	0.5307 mL	2.6536 mL	5.3073 mL	
10 mM	0.2654 mL	1.3268 mL	2.6536 mL	
50 mM	0.0531 mL	0.2654 mL	0.5307 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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