

Antiviral agent 64

Chemical Properties

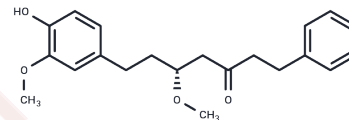
CAS No. : 1004319-60-1

Formula: C₂₁H₂₆O₄

Molecular Weight: 342.43

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	Antiviralagent 64 (Compound 12) is a diarylheptane compound isolated from *Alpinia officinarum*. In human neuroblastoma IMR-32 cells, it exhibits cytotoxicity with an IC ₅₀ of 0.23 μM. Antiviralagent 64 also demonstrates antiviral activity, effectively inhibiting RSV, poliovirus, measles virus, HSV-1, and influenza virus H1N1, with EC ₅₀ values of 13.3, 3.7, 6.3, 5.7, and <10 μg/mL, respectively.
Targets(IC ₅₀)	HSV,Influenza Virus,RSV,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9203 mL	14.6015 mL	29.203 mL
5 mM	0.5841 mL	2.9203 mL	5.8406 mL
10 mM	0.292 mL	1.4602 mL	2.9203 mL
50 mM	0.0584 mL	0.292 mL	0.5841 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

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