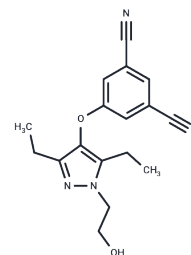


Lersivirine

Chemical Properties

CAS No. :	473921-12-9
Formula:	C ₁₇ H ₁₈ N ₄ O ₂
Molecular Weight:	310.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Lersivirine (UK-453061)(UK 453061) is a second-generation non-nucleoside reverse transcriptase inhibitor (NNRTI) under development for HIV infection therapy.
Targets(IC50)	HIV Protease,Reverse Transcriptase

Solubility Information

Solubility	DMSO: 50 mg/mL (161.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2222 mL	16.1108 mL	32.2217 mL
5 mM	0.6444 mL	3.2222 mL	6.4443 mL
10 mM	0.3222 mL	1.6111 mL	3.2222 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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.

Reference

Davis J, et al. The effect of lersivirine, a next-generation NNRTI, on the pharmacokinetics of midazolam and oral contraceptives in healthy subjects. Eur J Clin Pharmacol. 2012 Nov;68(11):1567-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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