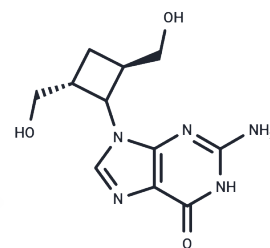


(rel)-Lobucavir

Chemical Properties

CAS No. :	126062-18-8
Formula:	C ₁₁ H ₁₅ N ₅ O ₃
Molecular Weight:	265.27
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	Lobucavir inhibits the replication of the HIV virus in T cells, monocytes & macrophages in vitro by inhibiting DNA polymerase and viral DNA synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7697 mL	18.8487 mL	37.6974 mL
5 mM	0.7539 mL	3.7697 mL	7.5395 mL
10 mM	0.377 mL	1.8849 mL	3.7697 mL
50 mM	0.0754 mL	0.377 mL	0.7539 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.

Reference

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