

(R,R)-Abacavir

Chemical Properties

CAS No. :	1443421-67-7
Formula:	C14H18N6O
Molecular Weight:	286.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(R,R)-Abacavir is the (R,R)-enantiomer of Abacavir. Abacavir is an orally active, competitive nucleoside reverse transcriptase inhibitor. It inhibits HIV replication and demonstrates anticancer activity in prostate cancer cell lines. Additionally, Abacavir can cross the blood-brain barrier and suppress telomerase activity.
Targets(IC50)	Apoptosis,Reverse Transcriptase,Telomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4924 mL	17.4618 mL	34.9235 mL
5 mM	0.6985 mL	3.4924 mL	6.9847 mL
10 mM	0.3492 mL	1.7462 mL	3.4924 mL
50 mM	0.0698 mL	0.3492 mL	0.6985 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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