

**(2R,5S)-5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic Acid
(1R,2S,5R)-5-Methyl-2-(1-methylethyl)cyclohexyl Ester**

Art. ID TRC-A609705-1G
Unit 1 g
Deliverydetails No Dangerous Good

Description

Category: Carbohydrates and Derivatives, Chiral Reagents, Heterocycles, Pharmaceuticals, Intermediates and Fine Chemicals, Sulfur and Selenium Compounds /// Appearance: Off-White Solid /// Application Notes: An intermediate in the synthesis of Emtricitabine (E525000). A reverse transcriptase inhibitor. It is an effective antiviral agent against HIV, HBV, and other viruses replicating in a similar manner. A nucleoside analog structurally related to Lamivudine (L172500). /// References: Schinazi, R.F., et al.: Antimicrob. Ag. Chemother., 36, 2423 (1992), Shockey, J.P., et al.: Xenobioica, 26, 189 (1996), Feng, J.Y., et al.: FASEB J., 13, 1511 (1999), Molina, J.-M., et al.: J. Infec. Dis., 182, 599 (2000)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(2R,5S)-5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic Acid (1R,2S,5R)-5-Methyl-2-(1-methylethyl)cyclohexyl Ester	[764659-72-5]				