

**((2R,5S)-5-(4-Amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolan-2-yl)methyl hydrogen
(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate**

Art. ID TRC-A608480-10MG
Unit 10 mg
Deliverydetails De Minimis

Description

Application Note: ((2R,5S)-5-(4-Amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolan-2-yl)methyl hydrogen (((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate is an impurity 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).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	((2R,5S)-5-(4-Amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolan-2-yl)methyl hydrogen (((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate	[1962114-95-9]				