

1-beta-D-Arabinofuranosyluracil-2-C-methyl-d3, 13C

Art. ID TRC-A764007-100MG
Unit 100 mg

Description

Category: Carbohydrates and Derivatives, Heterocycles, Impurities, Isotope Labelled Compounds, Nucleotides, Bases and Related Reagents /// Application Notes: 1-beta-D-Arabinofuranosyluracil-2-C-methyl-d3, 13C is the labeled analogue of 1-beta-D-Arabinofuranosyluracil-2-C-methyl (A764005), an impurity of PSI-7977 (P839640), a prodrug that is metabolized to the active antiviral agent

2'-deoxy-2'-alpha-fluoro-beta-C-methyluridine-5'-monophosphate and is currently being investigated in phase 3 clinical trials for the treatment of hepatitis C. Studies have profiled PSI-7977 as a nucleotide inhibitor of hepatitis C virus, exerting selective inhibitory effects towards HCV NS5B polymerase. /// References: Lam, A.M., et al.: Antimicrob. Agents. Chemotherapy., 56, 3359 (2012)| Lam, A.M., et al.: J. Virol., 85, 12334 (2011)| Sofia, M.J., et al.: J. Medn. Chem., 53, 7202 (2010)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1-beta-D-Arabinofuranosyluracil-2-C-methyl-d3, 13C	[1256490-38-6]				