

Product Datasheet

Emtricitabine S-oxide (orb1709768)

Catalog Number	orb1709768
Category	Small Molecules
Description	Emtricitabine is a nucleoside reverse transcriptase inhibitor used in HIV treatment, while its sulfoxide derivative is a key oxidative degradation product. This metabolite is relevant for in vitro stability studies and pharmacokinetic research, aiding in the investigation of drug metabolism and impurity profiling.
Target	HIV Protease,Reverse Transcriptase
MW	263.25
CAS Number	152128-77-3
Formula	$C_8H_{10}FN_3O_4S$
SMILES	<chem>O=C1N([C@]2(O[C@@H](CO)S(=O)C2)[H])C=C(F)C(N)=N1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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