

(Rac)-Emtricitabine S-oxide

Chemical Properties

CAS No. :	2733287-29-9
Formula:	C ₈ H ₁₀ FN ₃ O ₄ S
Molecular Weight:	263.24
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

Biological Description

Description	(Rac)-Emtricitabine S-oxide ((Rac)-Emtricitabine sulfoxide; (Rac)-Emtricitabine Degradant-III) is the racemic mixture of Emtricitabine S-oxide. Emtricitabine S-oxide represents a primary degradation product of Emtricitabine, which is a potent nucleoside reverse transcriptase inhibitor used in HIV infection research.
Targets(IC50)	Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7988 mL	18.9941 mL	37.9881 mL
5 mM	0.7598 mL	3.7988 mL	7.5976 mL
10 mM	0.3799 mL	1.8994 mL	3.7988 mL
50 mM	0.076 mL	0.3799 mL	0.7598 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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