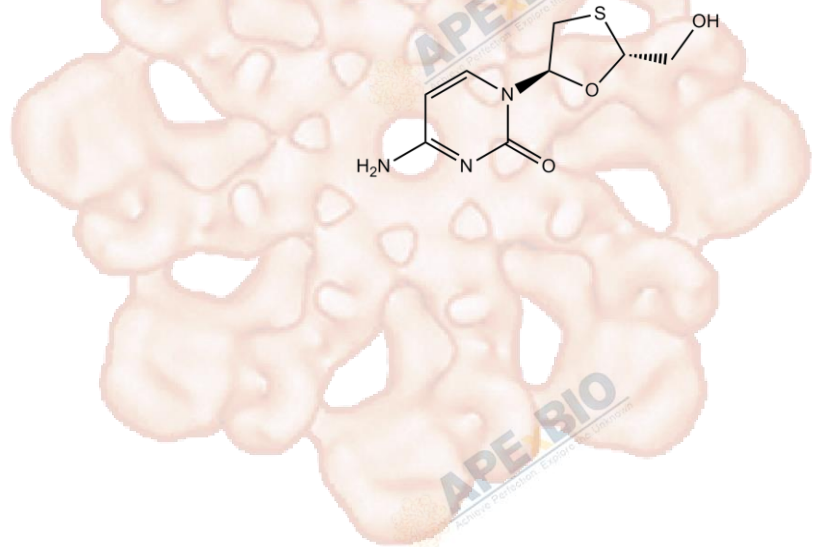


Product Data Sheet

Lamivudine

Cat. No.:	A8458
CAS No.:	134678-17-4
Formula:	C ₈ H ₁₁ N ₃ O ₃ S
M.Wt:	229.26
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Reverse Transcriptase
Storage:	Store at -20°C



Solvent & Solubility

≥10.5 mg/mL in DMSO; ≥11.4 mg/mL in EtOH with ultrasonic; ≥89.4 mg/mL in H₂O with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.3619 mL	21.8093 mL	43.6186 mL
	5 mM	0.8724 mL	4.3619 mL	8.7237 mL
	10 mM	0.4362 mL	2.1809 mL	4.3619 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Nucleoside analog reverse transcriptase inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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