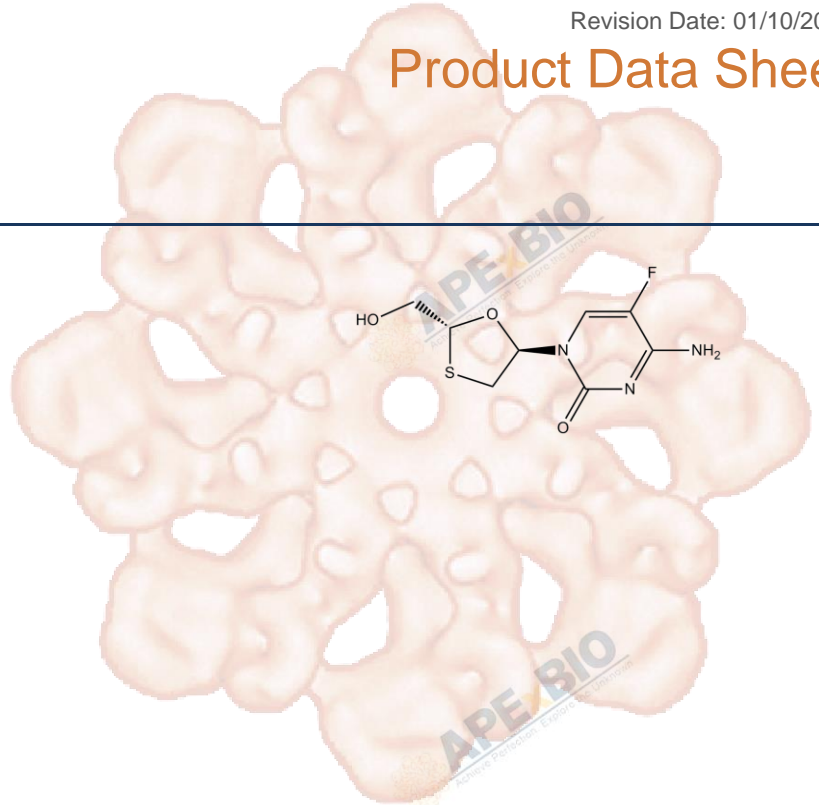


# Product Data Sheet

## Emtricitabine

<b>Cat. No.:</b>	A8422
<b>CAS No.:</b>	143491-57-0
<b>Formula:</b>	C <sub>8</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>3</sub> S
<b>M.Wt:</b>	247.25
<b>Synonyms:</b>	
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Reverse Transcriptase
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥10.4 mg/mL in DMSO; ≥50.1 mg/mL in H<sub>2</sub>O; ≥9.38 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		<b>1 mM</b>	4.0445 mL	20.2224 mL	40.4449 mL
		<b>5 mM</b>	0.8089 mL	4.0445 mL	8.0890 mL
		<b>10 mM</b>	0.4044 mL	2.0222 mL	4.0445 mL

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

### Biological Activity

Shortsummary

Reverse transcriptase inhibitor

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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.*

**APEX BIO Technology**

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