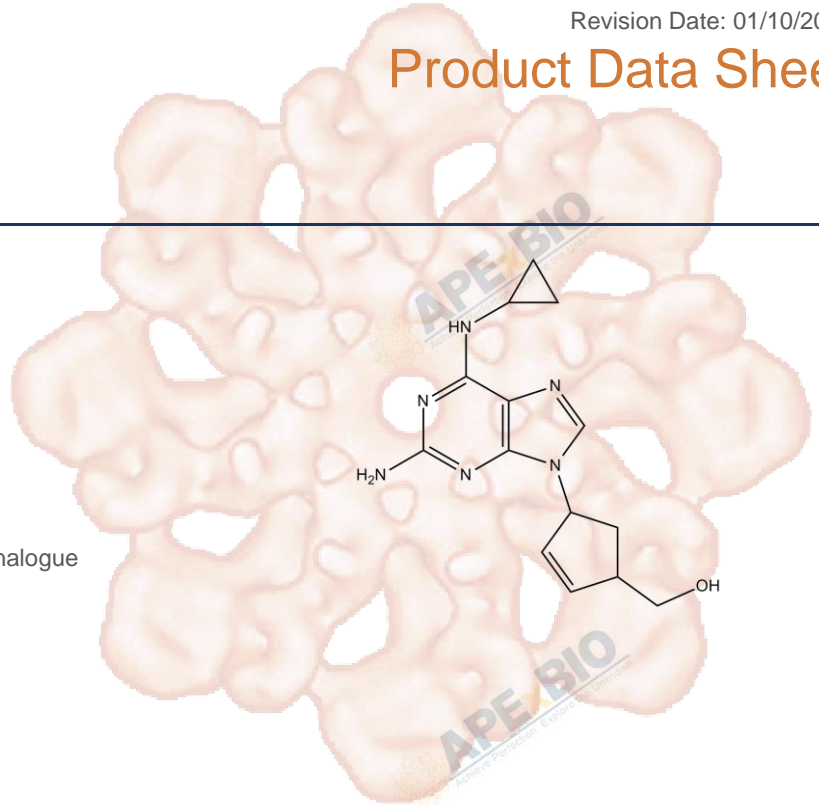


Product Data Sheet

Abacavir

Cat. No.:	A3139
CAS No.:	136470-78-5
Formula:	C ₁₄ H ₁₈ N ₆ O
M.Wt:	286.33
Synonyms:	Ziagen
Target:	DNA Damage/DNA Repair
Pathway:	Nucleoside Antimetabolite/Analogue
Storage:	Store at -20°C



Solvent & Solubility

≥39.3 mg/mL in EtOH with gentle warming; ≥57 mg/mL in DMSO; ≥7.16 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		3.4925 mL	17.4624 mL	34.9247 mL
	5 mM		0.6985 mL	3.4925 mL	6.9849 mL
	10 mM		0.3492 mL	1.7462 mL	3.4925 mL

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

Biological Activity

Shortsummary

Inhibitor of HIV reverse transcriptase

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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

