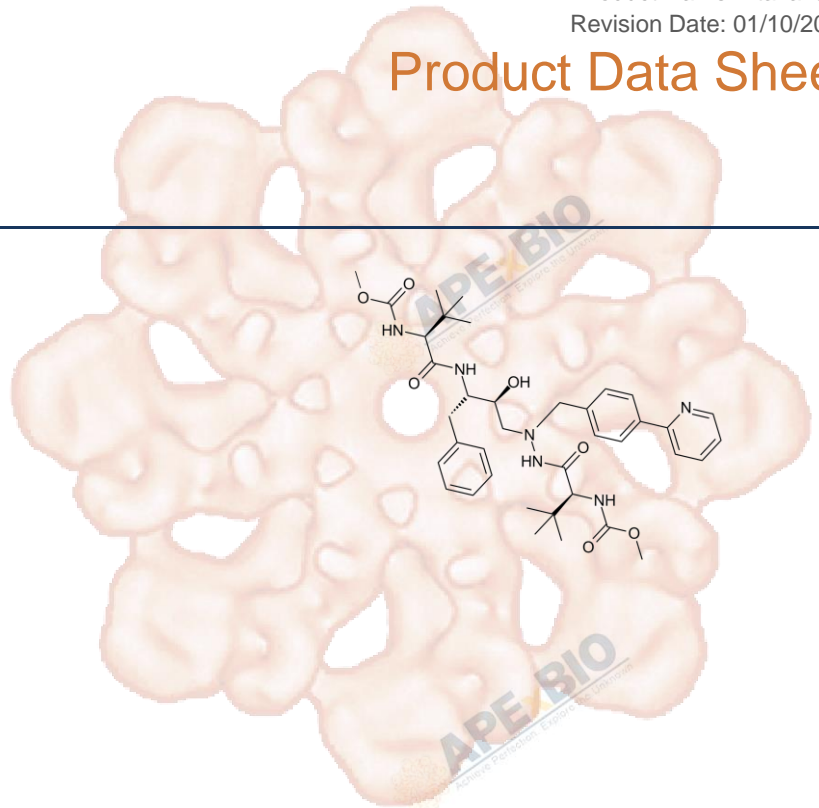


Product Data Sheet

Atazanavir

Cat. No.:	A8205
CAS No.:	198904-31-3
Formula:	C ₃₈ H ₅₂ N ₆ O ₇
M.Wt:	704.9
Synonyms:	
Target:	Proteases
Pathway:	HIV Protease
Storage:	Store at -20°C



Solvent & Solubility

≥28.6 mg/mL in DMSO; insoluble in H₂O; ≥9.9 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	1.4186 mL	7.0932 mL	14.1864 mL
	5 mM	0.2837 mL	1.4186 mL	2.8373 mL
	10 mM	0.1419 mL	0.7093 mL	1.4186 mL

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

Biological Activity

Shortsummary: HIV protease inhibitor, highly potent

IC₅₀ & Target: 2.6~5.3 nM (HIV)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Lan, Jie, et al. "Provirus Activation Plus CD59 Blockage Triggers Antibody-Dependent Complement-Mediated Lysis of Latently HIV-1-Infected Cells." The Journal of Immunology (2014): 1303030.PMID:25149467

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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