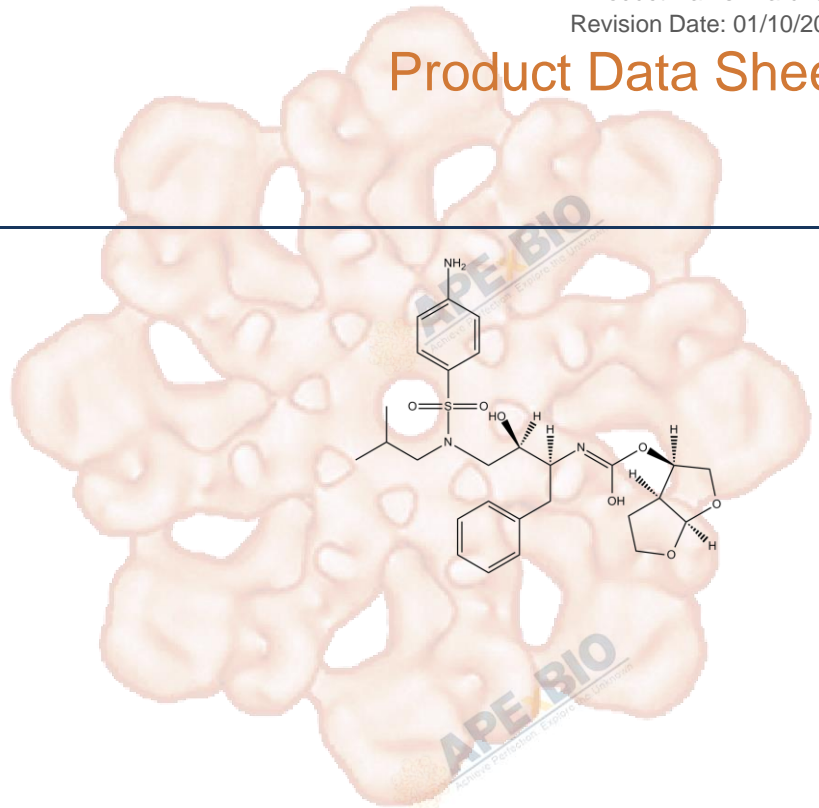


Product Data Sheet

Darunavir

Cat. No.:	A8206
CAS No.:	206361-99-1
Formula:	C ₂₇ H ₃₇ N ₃ O ₇ S
M.Wt:	547.66
Synonyms:	
Target:	Proteases
Pathway:	HIV Protease
Storage:	Store at -20°C



Solvent & Solubility

≥22.65 mg/mL in DMSO; insoluble in H₂O; ≥4.94 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.8260 mL	9.1298 mL	18.2595 mL
	5 mM	0.3652 mL	1.8260 mL	3.6519 mL
	10 mM	0.1826 mL	0.9130 mL	1.8260 mL

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

Biological Activity

Shortsummary

HIV-1 protease inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Velichkovska M, Surnar B, et al. "Targeted Mitochondrial COQ(10) Delivery Attenuates Antiretroviral-Drug-Induced Senescence of Neural Progenitor Cells." Mol Pharm. 2019 Feb 4;16(2):724-736.PMID:30592424
2. 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 APExBIO 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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