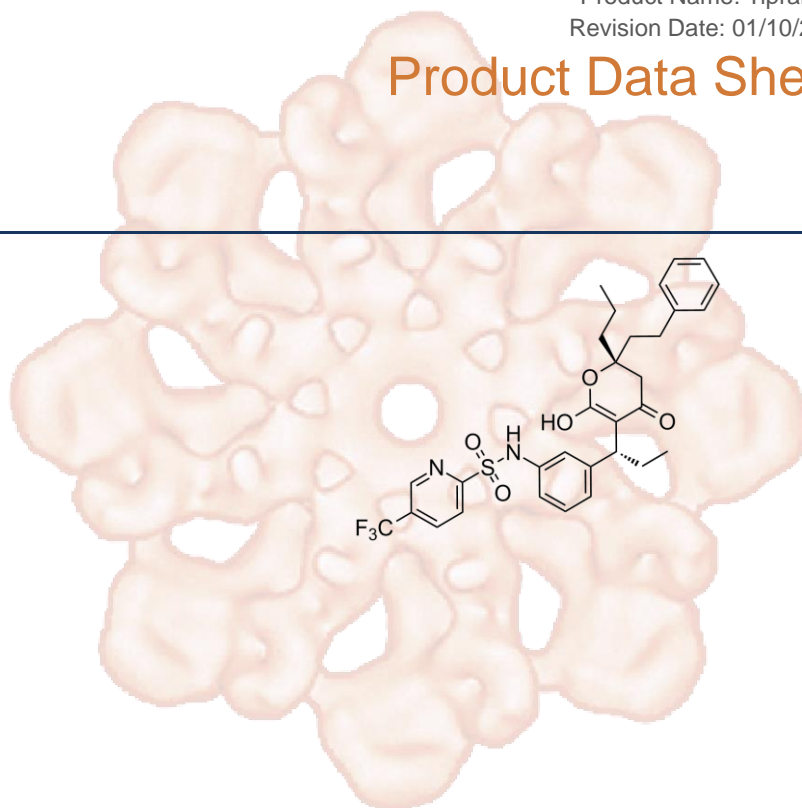


Product Data Sheet

Tipranavir

Cat. No.:	A3876
CAS No.:	174484-41-4
Formula:	C ₃₁ H ₃₃ F ₃ N ₂ O ₅ S
M.Wt:	602.66
Synonyms:	Aptivus, Tipranavir
Target:	Proteases
Pathway:	HIV Protease
Storage:	Store at -20°C



Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	1.6593 mL	8.2966 mL	16.5931 mL
	5 mM	0.3319 mL	1.6593 mL	3.3186 mL
	10 mM	0.1659 mL	0.8297 mL	1.6593 mL

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

Biological Activity

Shortsummary

HIV protease inhibitor

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Dosage form:

500 mg twice daily or 1000 mg twice daily administered with ritonavir (100 mg twice daily); 80 weeks.

Applications:

TPV induces a consistent and durable reduction in viral load and increases the amount of CD4+ cells.

Other notes:

Please test the solubility of all compounds indoor, and the actual solubility may slightly differ with the theoretical value. This is caused by an experimental system error and it is normal.

Product Citations

See more customer validations on www.apexbt.com.

References

- [1]. Muzammil S, Armstrong AA, Kang LW, et al. Unique thermodynamic response of tipranavir to human immunodeficiency virus type 1 protease drug resistance mutations. J Virol, 2007, 81(10): 5144-5154.
- [2]. Markowitz M, Slater LN, Schwartz R, et al. Long-term efficacy and safety of tipranavir boosted with ritonavir in HIV-1-infected patients failing multiple protease inhibitor regimens: 80-week data from a phase 2 study. J Acquir Immune Defic Syndr, 2007, 45(4): 401-410.

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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