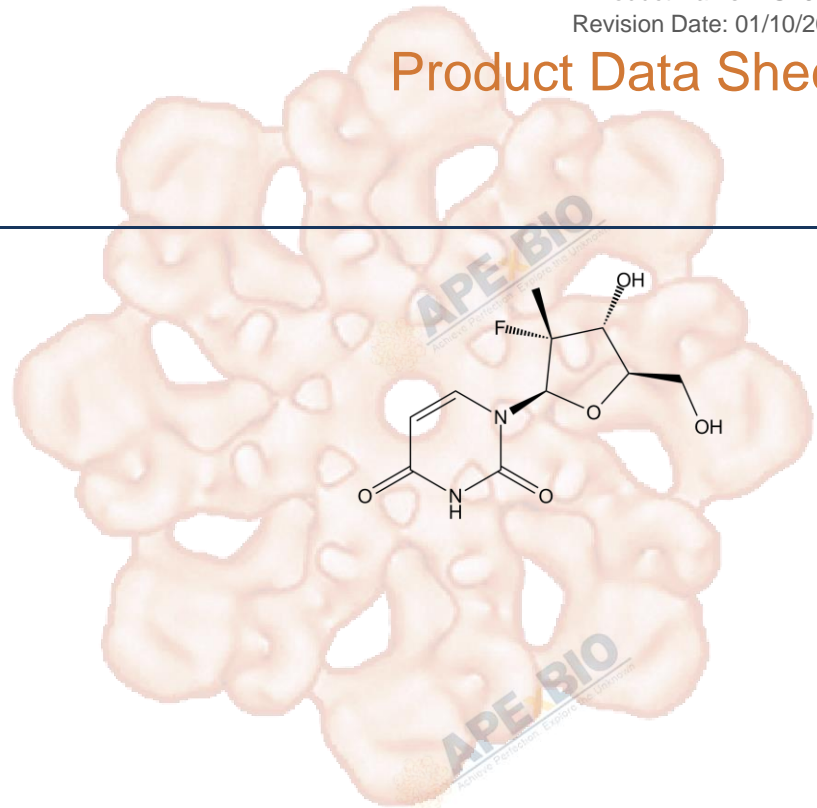


Product Data Sheet

PSI-6206

Cat. No.:	A8189
CAS No.:	863329-66-2
Formula:	C ₁₀ H ₁₃ FN ₂ O ₅
M.Wt:	260.22
Synonyms:	
Target:	Proteases
Pathway:	HCV Protease
Storage:	Store at -20°C



Solvent & Solubility

≥13.1 mg/mL in DMSO; ≥24.15 mg/mL in EtOH with ultrasonic; ≥48.7 mg/mL in H₂O with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		3.8429 mL	19.2145 mL	38.4290 mL
	5 mM		0.7686 mL	3.8429 mL	7.6858 mL
	10 mM		0.3843 mL	1.9215 mL	3.8429 mL

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

Biological Activity

Shortsummary

Inhibitor of HCV RNA polymerase, potent and selective

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Eyer L, Šmídková M, et al. "Structure-activity relationships of nucleoside analogues for inhibition of tick-borne encephalitis virus. Antiviral Res." 2016 Jul 28;133:119-129.PMID:27476046
2. Rower, Joseph E, et al. "Validation and application of an LC-MS/MS method to determine the concentrations of sofosbuvir metabolites in cells." Antimicrobial agents and chemotherapy (2015): AAC-01693.PMID:26416874
3. Eyer L, Nencka R, et al. Nucleoside inhibitors of Zika virus. J Infect Dis. 2016 May 27. pii:jiw226.PMID:27234417

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. Short-term 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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