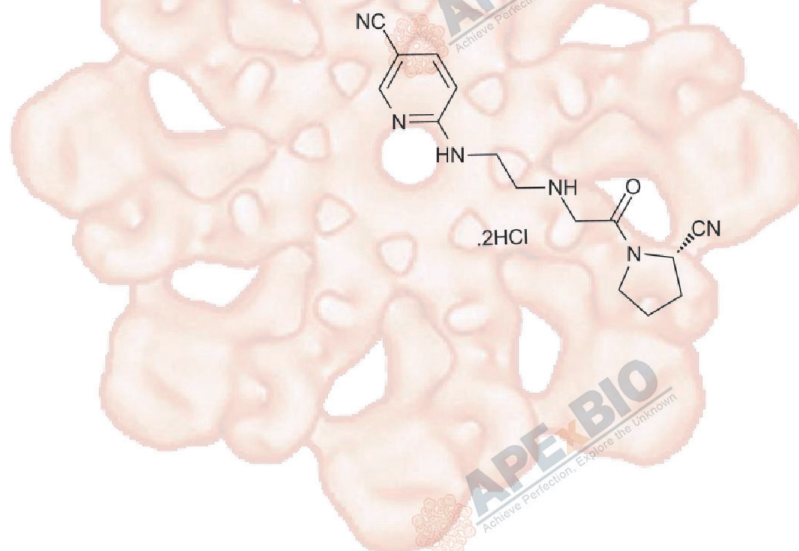


Product Data Sheet

NVP DPP 728 dihydrochloride

Cat. No.:	A4427
CAS No.:	247016-69-9
Formula:	C ₁₅ H ₁₈ N ₆ O·2HCl
M.Wt:	371.27
Synonyms:	
Target:	Proteases
Pathway:	DPP-4
Storage:	Desiccate at RT



Solvent & Solubility

≥ 17.75 mg/mL in DMSO with gentle warming; ≥ 81 mg/mL in EtOH; ≥ 82 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6935 mL	13.4673 mL	26.9346 mL
	5 mM	0.5387 mL	2.6935 mL	5.3869 mL
	10 mM	0.2693 mL	1.3467 mL	2.6935 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	DPP-IV inhibitor	
IC ₅₀ & Target	14 nM (Ki = 11 nM) (DPP-IV)	
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 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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