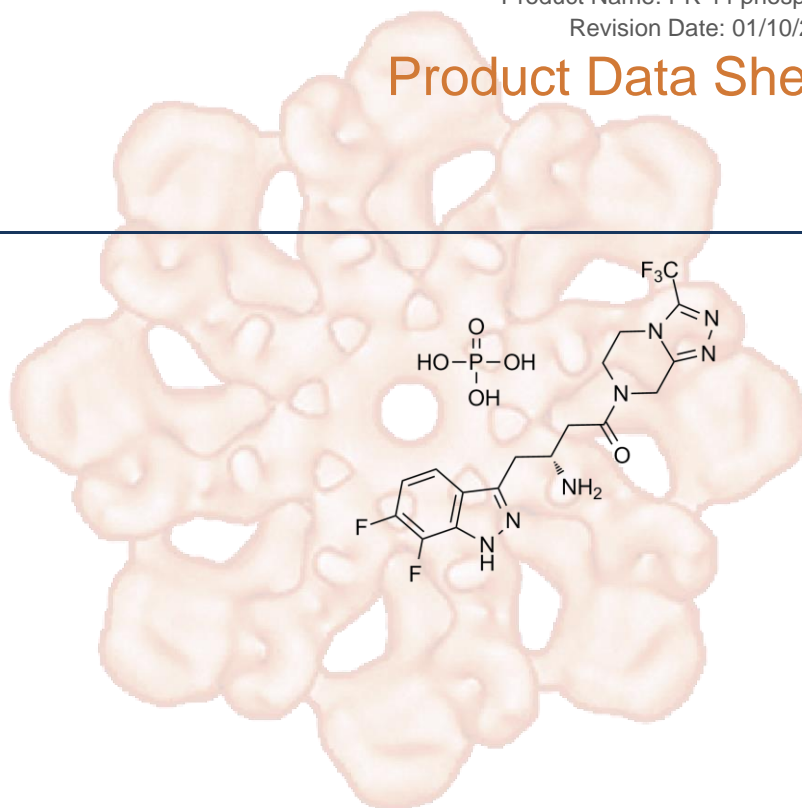


Product Data Sheet

PK 44 phosphate

Cat. No.:	A4428
CAS No.:	1017682-65-3
Formula:	C ₁₇ H ₁₆ F ₅ N ₇ O·H ₃ PO ₄
M.Wt:	527.34
Synonyms:	
Target:	Proteases
Pathway:	DPP-4
Storage:	Store at -20°C



Solvent & Solubility

<52.73mg/ml in H₂O; <52.73mg/ml in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.8963 mL	9.4815 mL	18.9631 mL
	5 mM		0.3793 mL	1.8963 mL	3.7926 mL
	10 mM		0.1896 mL	0.9482 mL	1.8963 mL

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

Biological Activity

Shortsummary

DPP-IV inhibitor

IC₅₀ & Target

15.8 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 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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