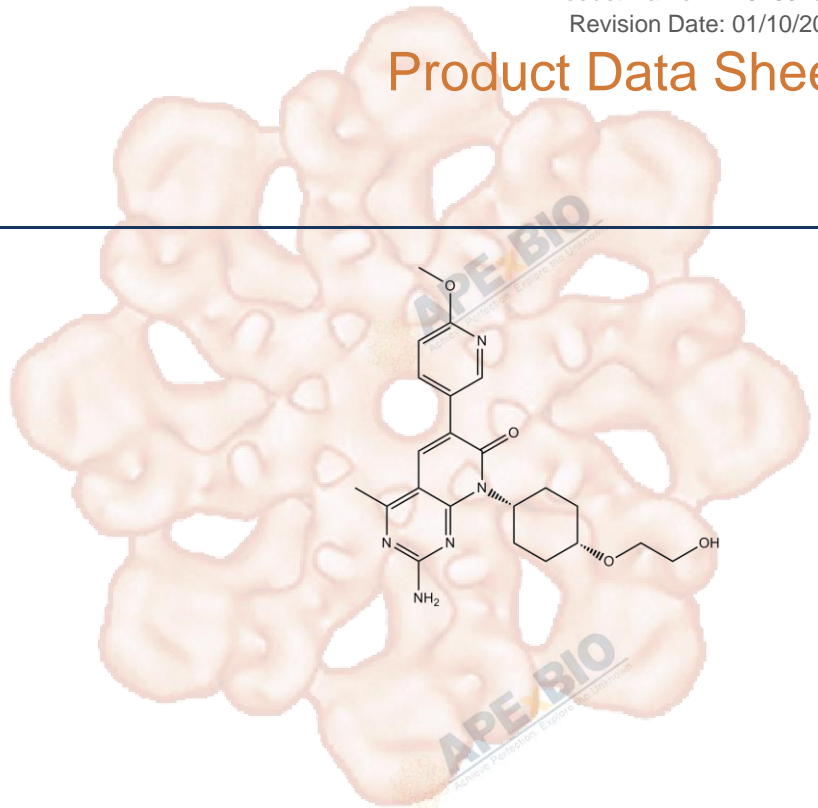


Product Data Sheet

PF-04691502

Cat. No.:	A8499
CAS No.:	1013101-36-4
Formula:	C ₂₂ H ₂₇ N ₅ O ₄
M.Wt:	425.48
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	PI3K
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥10.63 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.3503 mL	11.7514 mL	23.5029 mL
	5 mM	0.4701 mL	2.3503 mL	4.7006 mL
	10 mM	0.2350 mL	1.1751 mL	2.3503 mL

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

Biological Activity

Shortsummary

PI3K/mTOR (FRAP) inhibitor

IC₅₀ & Target

1.6 nM(Ki) (PI3Kδ), 1.8 nM(Ki) (PI3Kα), 1.9 nM(Ki) (PI3Kγ), 2.1 nM(Ki) (PI3Kβ), 3.8 nM (P-Akt (S473)), 16 nM (mTOR)

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. 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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