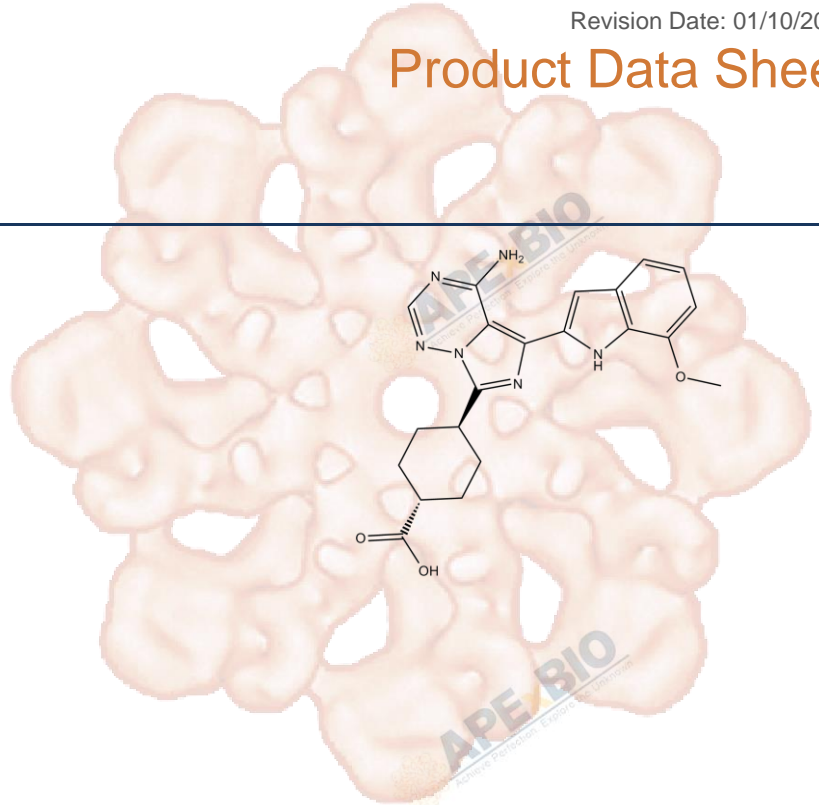


Product Data Sheet

OSI-027

Cat. No.:	B1637
CAS No.:	936890-98-1
Formula:	C ₂₁ H ₂₂ N ₆ O ₃
M.Wt:	406.45
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	mTOR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥32.5 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.4603 mL	12.3016 mL	24.6033 mL
	5 mM		0.4921 mL	2.4603 mL	4.9207 mL
	10 mM		0.2460 mL	1.2302 mL	2.4603 mL

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

Biological Activity

Shortsummary

MTORC1/ mTORC2 inhibitor

IC₅₀ & Target

4 nM (mTORC), 22 nM (mTORC1), 65 nM (mTORC2), 0.42 μM (PI3Ky), 1.0 μM (DNA-PK)

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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