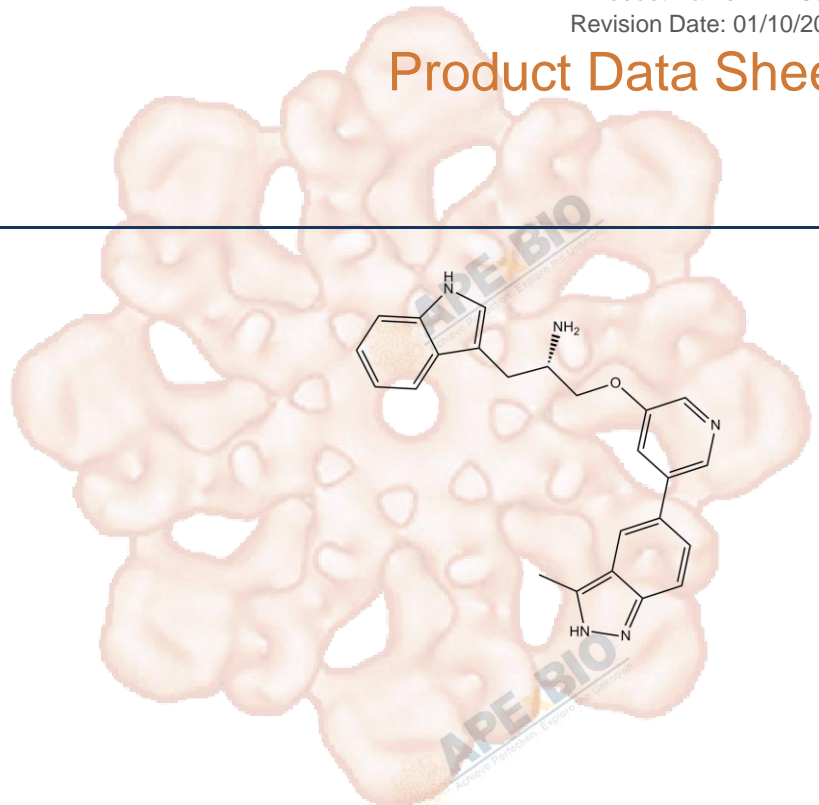


Product Data Sheet

A-443654

Cat. No.:	A3135
CAS No.:	552325-16-3
Formula:	C ₂₄ H ₂₃ N ₅ O
M.Wt:	397.48
Synonyms:	A 443654; A443654
Target:	PI3K/Akt/mTOR Signaling
Pathway:	Akt
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥19.85 mg/mL in DMSO; ≥44.3 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.5158 mL	12.5792 mL	25.1585 mL
	5 mM		0.5032 mL	2.5158 mL	5.0317 mL
	10 mM		0.2516 mL	1.2579 mL	2.5158 mL

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

Biological Activity

Shortsummary Akt inhibitor, potent and selective

IC₅₀ & Target 160 pM (K_i) (Akt1)

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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