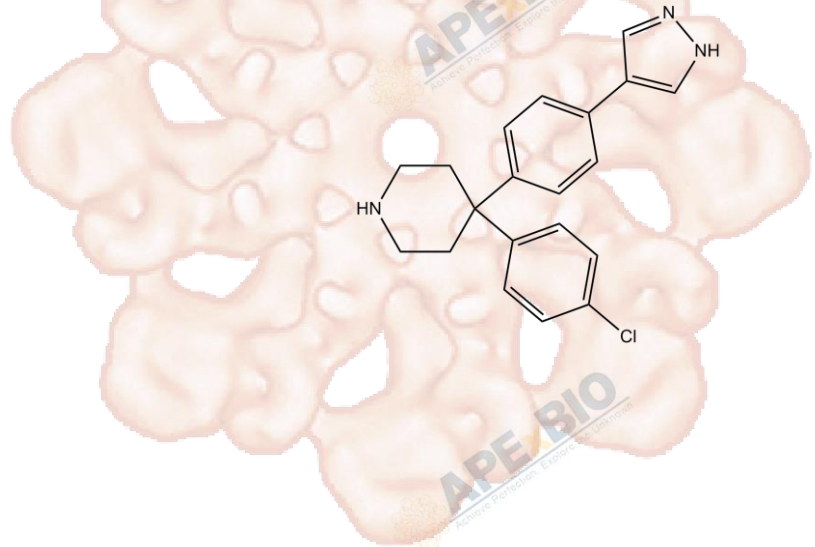


Product Data Sheet

AT7867

Cat. No.:	A5653
CAS No.:	857531-00-1
Formula:	C ₂₀ H ₂₀ ClN ₃
M.Wt:	337.85
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	Akt
Storage:	Store at -20°C



Solvent & Solubility

≥16.9 mg/mL in DMSO; ≥4.38 mg/mL in EtOH with ultrasonic; ≥45 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.9599 mL	14.7995 mL	29.5989 mL
	5 mM	0.5920 mL	2.9599 mL	5.9198 mL
	10 mM	0.2960 mL	1.4799 mL	2.9599 mL

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

Biological Activity

Shortsummary

Akt1/2/3 and p70S6K/PKA inhibitor

IC₅₀ & Target

17 nM (Akt2), 20 nM (PKA), 32 nM (Akt1), 47 nM (Akt3), 85 nM (p70 S6K)

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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