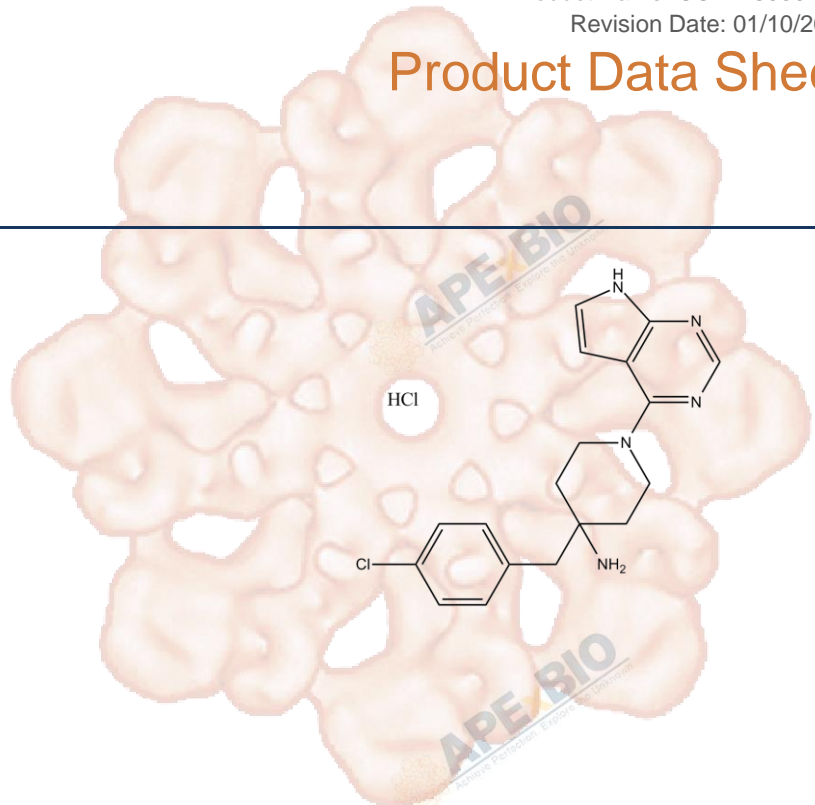


Product Data Sheet

CCT128930 HCl

Cat. No.:	A8617
CAS No.:	885499-61-6 (free base)
Formula:	C ₁₈ H ₂₁ Cl ₂ N ₅
M.Wt:	378.30
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	Akt
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥17.1 mg/mL in DMSO; ≥5.17 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6434 mL	13.2170 mL	26.4340 mL
	5 mM	0.5287 mL	2.6434 mL	5.2868 mL
	10 mM	0.2643 mL	1.3217 mL	2.6434 mL

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

Biological Activity

Shortsummary

AKT inhibitor

IC₅₀ & Target

6 nM (Akt2), 120 nM (p70 S6K), 168 nM (PKA)

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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