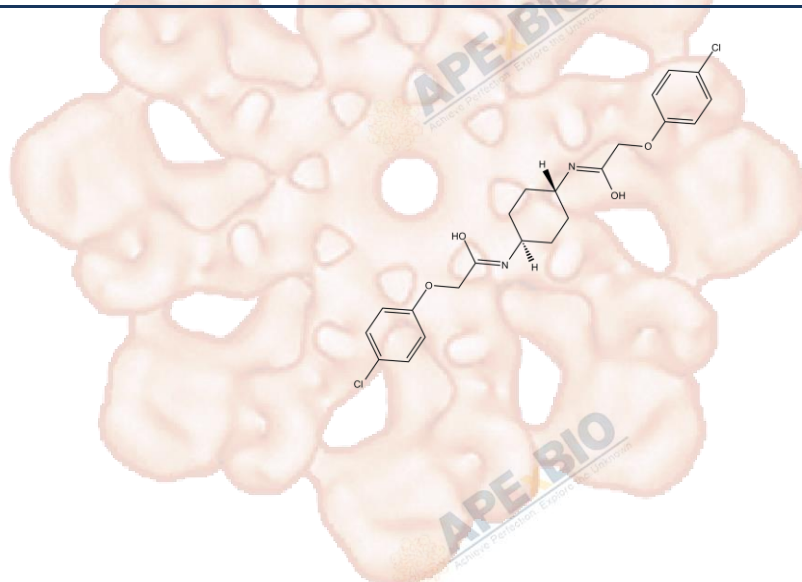


Product Data Sheet

ISRIB

Cat. No.:	B6093
CAS No.:	548470-11-7
Formula:	C ₂₂ H ₂₄ Cl ₂ N ₂ O ₄
M.Wt:	451.34
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	PERK
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥15.03 mg/mL in DMSO with gentle warming

In Vitro

	Solvent	Mass		
		1mg	5mg	10mg
Preparing Stock Solutions	Concentration			
	1 mM	2.2156 mL	11.0781 mL	22.1562 mL
	5 mM	0.4431 mL	2.2156 mL	4.4312 mL
	10 mM	0.2216 mL	1.1078 mL	2.2156 mL

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

Biological Activity

Shortsummary

PERK signaling inhibitor

IC₅₀ & Target

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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