

Product Data Sheet

Icilin

Cat. No.:	B1055
CAS No.:	36945-98-9
Formula:	C ₁₆ H ₁₃ N ₃ O ₄
M.Wt:	311.29
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	TRP Channel
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥11.05 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
			1mM	5mM	10mM
			1mM	5mM	10mM
		1 mM	3.2124 mL	16.0622 mL	32.1244 mL
		5 mM	0.6425 mL	3.2124 mL	6.4249 mL
		10 mM	0.3212 mL	1.6062 mL	3.2124 mL

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

Biological Activity

Shortsummary TRPM8/ hENaCδ agonist

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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