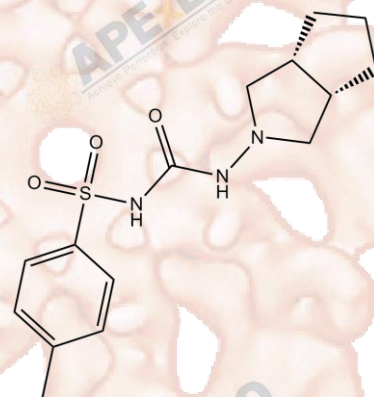


Product Data Sheet

Gliclazide

Cat. No.:	B2195
CAS No.:	21187-98-4
Formula:	C ₁₅ H ₂₁ N ₃ O ₃ S
M.Wt:	323.41
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Potassium Channel
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥15.6 mg/mL in DMSO; ≥2.89 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

	Solvent	Mass Concentration			
			1mg	5mg	10mg
Preparing Stock Solutions	1 mM		3.0921 mL	15.4603 mL	30.9205 mL
	5 mM		0.6184 mL	3.0921 mL	6.1841 mL
	10 mM		0.3092 mL	1.5460 mL	3.0921 mL

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

Biological Activity

Shortsummary

Potassium channel 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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