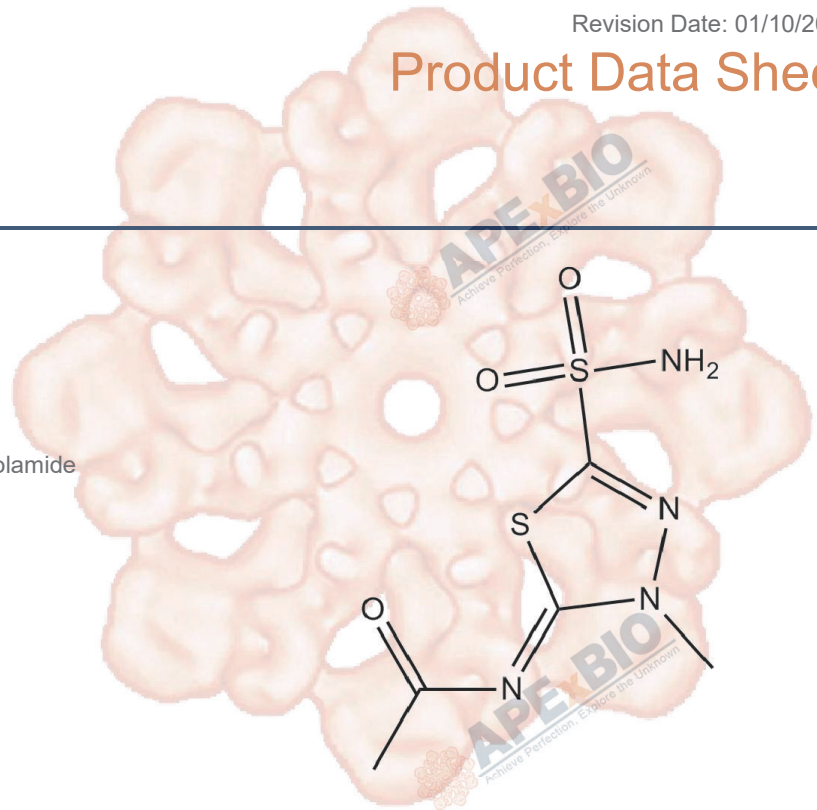


Product Data Sheet

Methazolamide

Cat. No.:	A4364
CAS No.:	554-57-4
Formula:	C ₅ H ₈ N ₄ O ₃ S ₂
M.Wt:	236.27
Synonyms:	Naptazane, N-Methylacetazolamide
Target:	Metabolism
Pathway:	Carbonic Anhydrase
Storage:	Store at -20°C



Solvent & Solubility

≥11.18 mg/mL in EtOH with gentle warming and ultrasonic; ≥2.58 mg/mL in H₂O with gentle warming and ultrasonic; ≥23.63 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.2324 mL	21.1622 mL	42.3245 mL
	5 mM	0.8465 mL	4.2324 mL	8.4649 mL
	10 mM	0.4232 mL	2.1162 mL	4.2324 mL

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

Biological Activity

Shortsummary

Carbonic anhydrase 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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