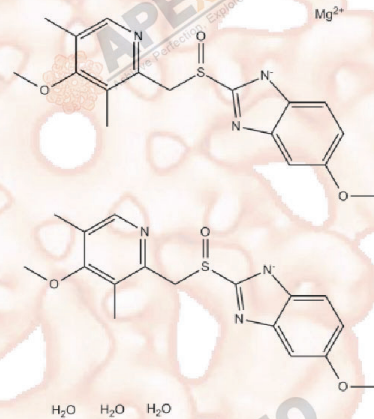


Esomeprazole Magnesium trihydrate

Cat. No.:	A3399
CAS No.:	217087-09-7
Formula:	C ₃₄ H ₄₂ MgN ₆ O ₉ S ₂
M.Wt:	767.17
Synonyms:	(S)-Omeprazole magnesium trihydrate
Target:	Membrane Transporter/Ion Channel
Pathway:	Proton Pump
Storage:	Store at -20°C



Solvent & Solubility

≥110.6 mg/mL in DMSO; ≥39 mg/mL in EtOH; insoluble in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	1.3035 mL	6.5175 mL	13.0349 mL
	5 mM	0.2607 mL	1.3035 mL	2.6070 mL
	10 mM	0.1303 mL	0.6517 mL	1.3035 mL

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

Biological Activity

Shortsummary

Proton pump 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 APExBIO 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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