

Product Data Sheet

Esomeprazole Sodium

Cat. No.:	B1388
CAS No.:	161796-78-7
Formula:	C ₁₇ H ₁₈ N ₃ NaO ₃ S
M.Wt:	367.4
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Proton Pump
Storage:	Store at -20°C



Solvent & Solubility

≥140.8 mg/mL in DMSO; ≥22.15 mg/mL in H₂O; ≥6.06 mg/mL in EtOH with ultrasonic

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.7218 mL	13.6091 mL	27.2183 mL
		5 mM	0.5444 mL	2.7218 mL	5.4437 mL
		10 mM	0.2722 mL	1.3609 mL	2.7218 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 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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