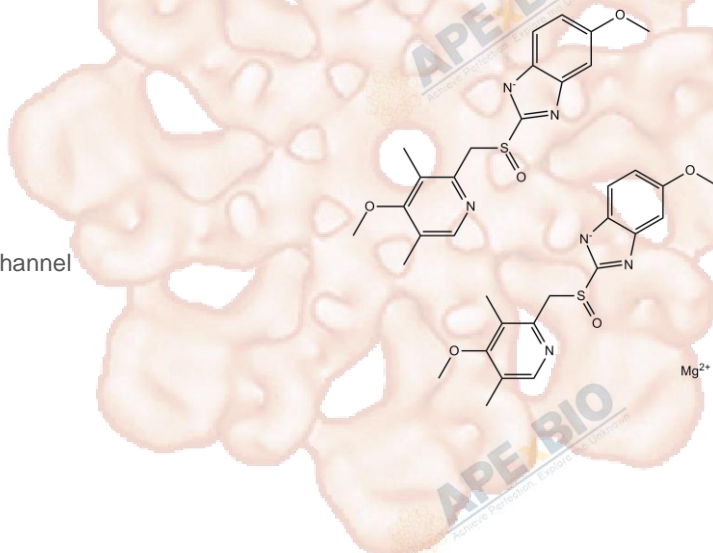


# Product Data Sheet

## Esomeprazole Magnesium

<b>Cat. No.:</b>	B2200
<b>CAS No.:</b>	161973-10-0
<b>Formula:</b>	C <sub>34</sub> H <sub>36</sub> MgN <sub>6</sub> O <sub>6</sub> S <sub>2</sub>
<b>M.Wt:</b>	713.12
<b>Synonyms:</b>	
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	Proton Pump
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥11.48 mg/mL in EtOH with ultrasonic; ≥20.15 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.4023 mL	7.0114 mL	14.0229 mL
	<b>5 mM</b>	0.2805 mL	1.4023 mL	2.8046 mL
	<b>10 mM</b>	0.1402 mL	0.7011 mL	1.4023 mL

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

### Biological Activity

Shortsummary

Proton pump inhibitor

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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.*

**APEX BIO Technology**

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