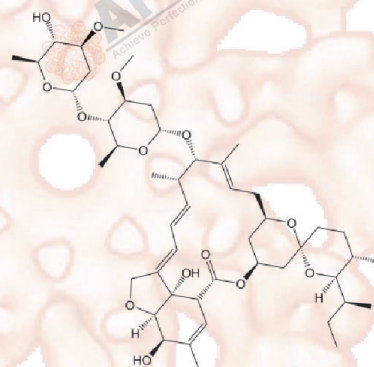


Product Data Sheet

Ivermectin

Cat. No.:	A2813
CAS No.:	70288-86-7
Formula:	C ₄₈ H ₇₄ O ₁₄
M.Wt:	875.09
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	P2X purinergic receptor
Storage:	Store at -20°C



Solvent & Solubility

≥43.75 mg/mL in DMSO; insoluble in H₂O; ≥19.8 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.1427 mL	5.7137 mL	11.4274 mL
		5 mM	0.2285 mL	1.1427 mL	2.2855 mL
		10 mM	0.1143 mL	0.5714 mL	1.1427 mL

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

Biological Activity

Shortsummary

NACHR/purinergic P2X₄ receptor modulator

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.

APEx BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

