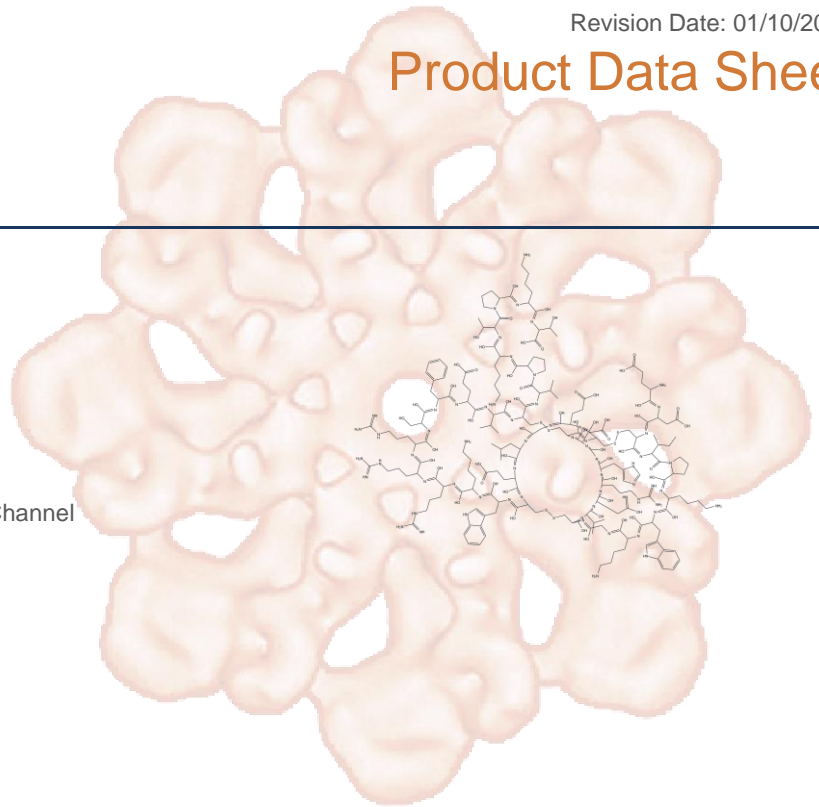


Product Data Sheet

Psalmotoxin 1

Cat. No.: B5796
CAS No.:
Formula: C200H312N62O57S6
M.Wt: 4689.39
Synonyms:
Target: Membrane Transporter/Ion Channel
Pathway: Other Channel Modulators
Storage: Store at -20°C



Solvent & Solubility

Soluble to 2 mg/ml in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		0.2132 mL	1.0662 mL	2.1325 mL
	5 mM		0.0426 mL	0.2132 mL	0.4265 mL
	10 mM		0.0213 mL	0.1066 mL	0.2132 mL

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

Biological Activity

Shortsummary acid-sensing ion channel 1a (ASIC1a) blocker

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Tao Wang, Qian-qian Wang, et al. "ASIC1a involves acidic microenvironment-induced activation and autophagy of pancreatic stellate cells." RSC Adv., 2018, 8, 30950-30956.

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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