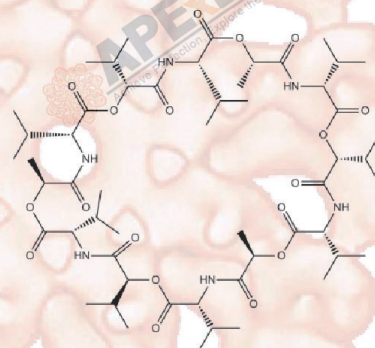


Product Data Sheet

Valinomycin

Cat. No.:	B7388
CAS No.:	2001-95-8
Formula:	C ₅₄ H ₉₀ N ₆ O ₁₈
M.Wt:	1111.32
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Potassium Channel
Storage:	Desiccate at -20°C



Solvent & Solubility

≥51.1 mg/mL in DMSO; ≥51.6 mg/mL in EtOH; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Solvent \ Mass Concentration	1mg	5mg	10mg
		1 mM	0.8998 mL	4.4992 mL	8.9983 mL
		5 mM	0.1800 mL	0.8998 mL	1.7997 mL
		10 mM	0.0900 mL	0.4499 mL	0.8998 mL

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

Biological Activity

Shortsummary	potassium-specific transporter	
IC ₅₀ & 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. Short-term 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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