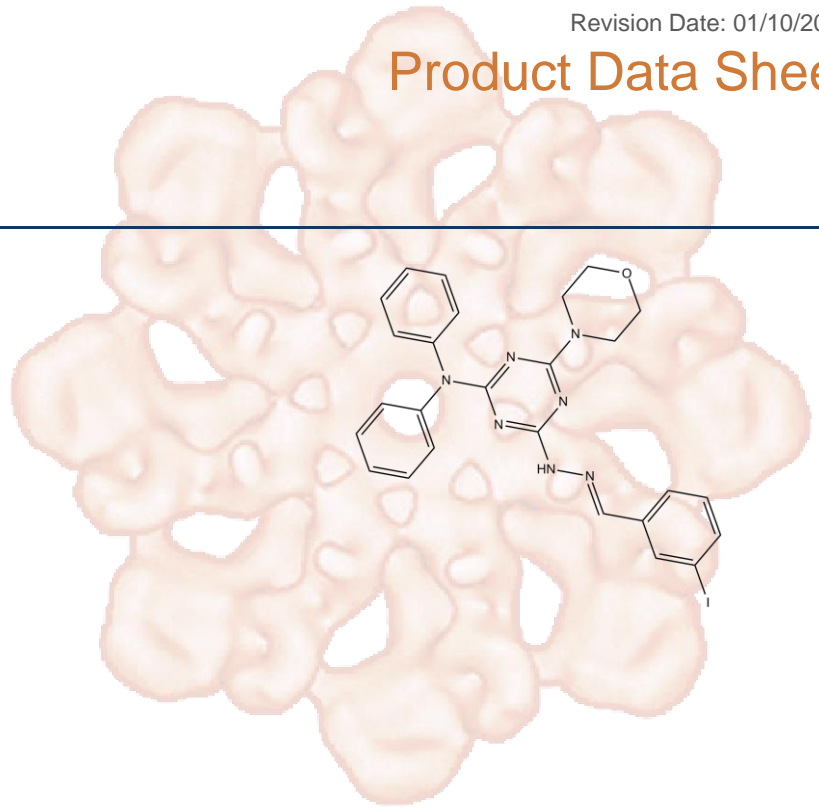


Product Data Sheet

Vacuolin-1

Cat. No.:	C4084
CAS No.:	351986-85-1
Formula:	C ₂₆ H ₂₄ N ₇ O
M.Wt:	577.4
Synonyms:	
Target:	Others
Pathway:	exocytosis
Storage:	Store at -20°C



Solvent & Solubility

≤5mg/ml in DMSO;3mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.7319 mL	8.6595 mL	17.3190 mL
	5 mM		0.3464 mL	1.7319 mL	3.4638 mL
	10 mM		0.1732 mL	0.8660 mL	1.7319 mL

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

Biological Activity

Shortsummary lysosomal exocytosis inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Liu B, Cao W, et al. "Lysosomal exocytosis of ATP is coupled to P2Y(2) receptor in marginal cells in the stria vascular in neonatal rats." Cell Calcium. 2018 Sep 21;76:62-71.PMID:30273839

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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