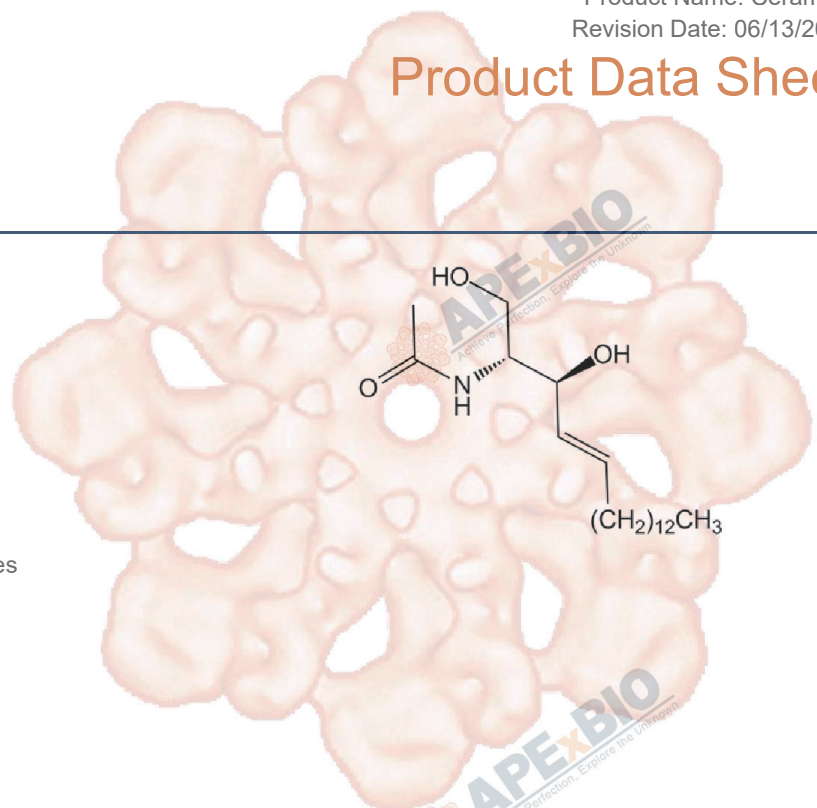


Product Data Sheet

Ceramide

Cat. No.:	A4534
CAS No.:	3102-57-6
Formula:	C ₂₀ H ₃₉ NO ₃
M.Wt:	341.53
Synonyms:	N-Acetyl sphingosine
Target:	Chromatin/Epigenetics
Pathway:	Protein Ser/Thr Phosphatases
Storage:	Desiccate at -20°C



Solvent & Solubility

≥32.5 mg/mL in DMSO; ≥31.9 mg/mL in EtOH; insoluble in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.9280 mL	14.6400 mL	29.2800 mL
	5 mM	0.5856 mL	2.9280 mL	5.8560 mL
	10 mM	0.2928 mL	1.4640 mL	2.9280 mL

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

Biological Activity

Shortsummary Protein phosphatase and CAPP 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 APExBIO 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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