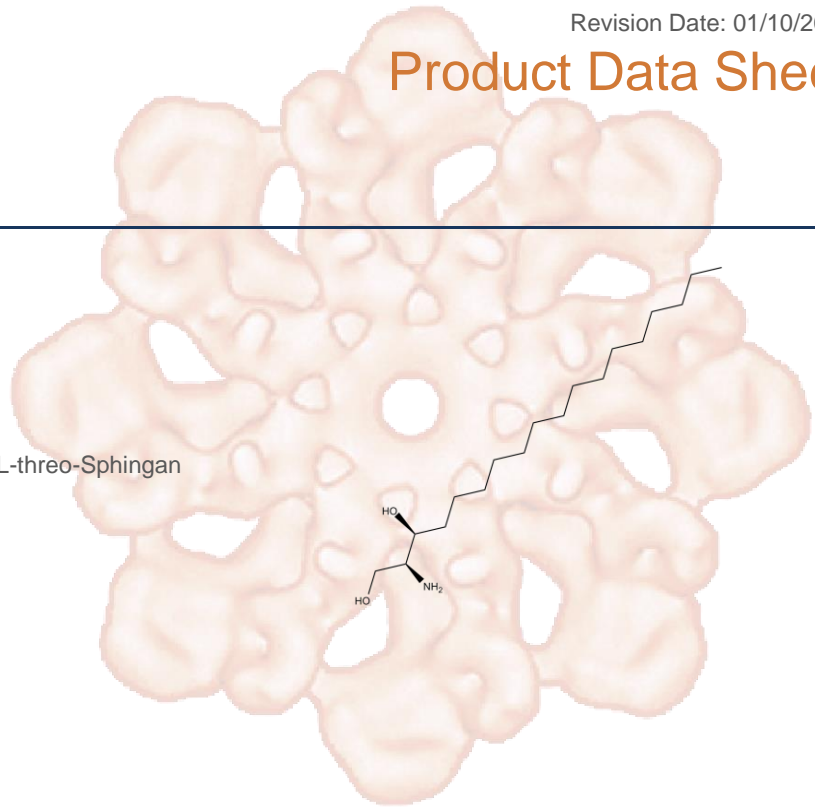


Product Data Sheet

Safingol

Cat. No.:	C3243
CAS No.:	15639-50-6
Formula:	C ₁₈ H ₃₉ NO ₂
M.Wt:	301.5
Synonyms:	L-threo-Dihydrosphingosine, L-threo-Sphinganine
Target:	TGF-β / Smad Signaling
Pathway:	PKC
Storage:	Store at -20°C



Solvent & Solubility

≤0.25mg/ml in ethanol

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.3167 mL	16.5837 mL	33.1675 mL
	5 mM		0.6633 mL	3.3167 mL	6.6335 mL
	10 mM		0.3317 mL	1.6584 mL	3.3167 mL

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

Biological Activity

Shortsummary: PKC and sphingosine kinases inhibitor

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.

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