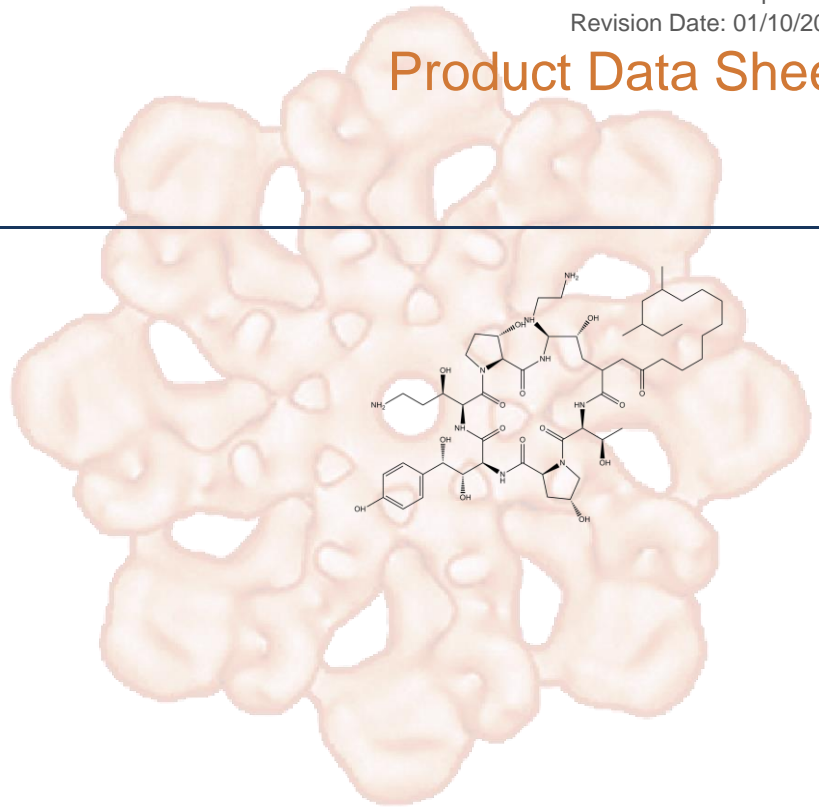


Product Data Sheet

Caspofungin

Cat. No.: B4972
CAS No.: 162808-62-0
Formula: C₅₃H₈₉N₉O₁₅
M.Wt: 1092.33
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥48.1mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		0.9155 mL	4.5774 mL	9.1547 mL
	5 mM		0.1831 mL	0.9155 mL	1.8309 mL
	10 mM		0.0915 mL	0.4577 mL	0.9155 mL

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

Biological Activity

Shortsummary

lipopeptide antifungal drug

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Hoyer AR, Johnson CJ, et al. "Echinocandin Treatment of Candida albicans Biofilms Enhances Neutrophil Extracellular Trap Formation." Antimicrob Agents Chemother. 2018 Aug 27;62(9). pii: e00797-18.PMID:29987146

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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

