

# PRODUCT INFORMATION



## Sporidesmolide II

Item No. 28133

CAS Registry No.: 3200-75-7

Formal Name: cyclo(D-alloisoleucyl-D-leucyl-L- $\alpha$ -hydroxyisovaleryl-L-valyl-N-methyl-L-leucyl-L- $\alpha$ -hydroxyisovaleryl)

MF:  $C_{34}H_{60}N_4O_8$

FW: 652.9

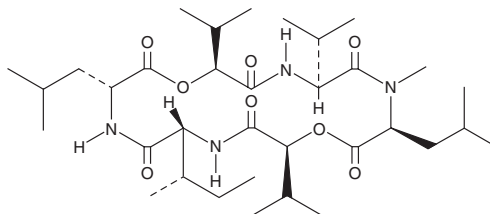
Purity:  $\geq 95\%$

Supplied as: A solid

Storage:  $-20^{\circ}\text{C}$

Stability:  $\geq 2$  years

Item Origin: Fungi/*Pithomyces* sp.



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

Sporidesmolide II is supplied as a solid. A stock solution may be made by dissolving the sporidesmolide II in the solvent of choice. Sporidesmolide II is soluble in organic solvents such as ethanol, methanol, DMSO, and dimethyl formamide, which should be purged with an inert gas.

### Description

Sporidesmolide II is a cyclic depsipeptide originally isolated from *P. chartarum*.<sup>1</sup>

### Reference

1. Macdonald, C.G., Shannon, J.S., and Taylor, A. Mass spectra of cyclic depsipeptides: Sporidesmolides. *Tetrahedron Lett.* **5(31)**, 2087-2092 (1964).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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