

PRODUCT INFORMATION

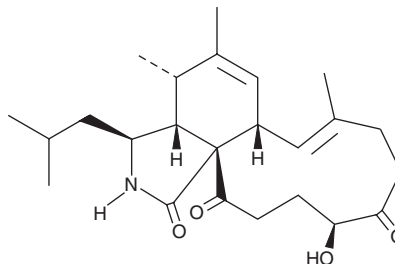


Aspochalasin M

Item No. 25087

CAS Registry No.: 1173040-34-0
Formal Name: (3S,3aR,4S,6aS,7E,12S,15aS)-3,3a,4,6a,9,10,13,14-octahydro-12-hydroxy-4,5,8-trimethyl-3-(2-methylpropyl)-1H-cycloundec[d]isoindole-1,11,15(2H,12H)-trione

MF: C₂₄H₃₅NO₄
FW: 401.5
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



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

Laboratory Procedures

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

Description

Aspochalasin M is a fungal metabolite originally isolated from *S. elegans*.¹ It inhibits the growth of HL-60 cells (IC₅₀ = 20 μM) but not MOLT-4, A549, or BEL-7402 cells (IC₅₀s = >100 μg/ml).

Reference

1. Lin, Z., Zhu, T., Wei, H., *et al.* Spicochalasin A and new aspochalasin from the marine-derived fungus *Spicaria elegans*. *Eur. J. Org. Chem.* **18**, 3045-3051 (2009).

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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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM