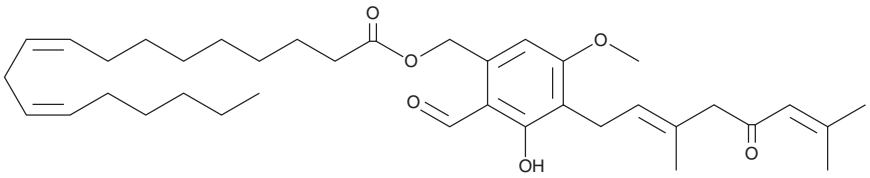
PRODUCT INFORMATION

Hericenone E

Item No. 46341

CAS Registry No.: 137592-05-3
Formal Name: 9,12-octadecadienoic acid, (9Z,12Z)-[4-[(2E)-3,7-dimethyl-5-oxo-2,6-octadien-1-yl]-2-formyl-3-hydroxy-5-methoxyphenyl] methyl ester
MF: $C_{37}H_{54}O_6$
FW: 594.8
Purity: ≥90%
Supplied as: A neat oil
Storage: -20°C
Stability: ≥4 years
Item Origin: Fungus/*Hericium erinaceus*



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

Laboratory Procedures

Hericenone E is supplied as a neat oil. A stock solution may be made by dissolving the hericenone E in the solvent of choice, which should be purged with an inert gas. Hericenone E is sparingly soluble (1-10 mg/ml) in methanol and DMSO.

Description

Hericenone E is a polyketide-derived monoterpenoid originally isolated from *H. erinaceum*.[1,2]

References

1. Iacovelli, R., Poon, F., and Haslinger, K. Identification and reconstitution of the first two enzymatic steps for the biosynthesis of bioactive meroterpenoids from *Hericium erinaceus* (lion's mane mushroom). *Molecules* **29(23)**, 5576 (2024).
2. Kawagishi, H., Ando, M., Sakamoto, H., *et al*. Hericenones C, D and E, stimulators of nerve growth factor (NGF)-synthesis, from the mushroom *Hericium erinaceum*. *Tetrahedron Lett*. **32(35)**, 4561-4564 (1991).

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.

WARRANTY AND LIMITATION OF REMEDY
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