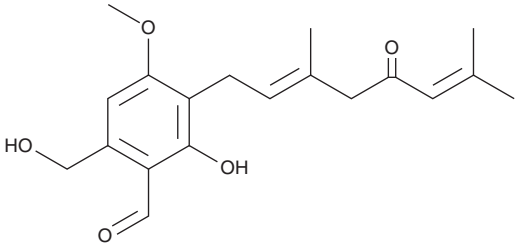
PRODUCT INFORMATION

Deacylhericenone

Item No. 46348

CAS Registry No.:	2606592-90-7
Formal Name:	3-[(2E)-3,7-dimethyl-5-oxo-2,6-octadien-1-yl]-2-hydroxy-6-(hydroxymethyl)-4-methoxy-benzaldehyde
MF:	$C_{19}H_{24}O_5$
FW:	332.4
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

Deacylhericenone is supplied as a solid. A stock solution may be made by dissolving the deacylhericenone in the solvent of choice, which should be purged with an inert gas. Deacylhericenone is sparingly soluble (1-10 mg/ml) in DMSO and slightly soluble (0.1-1 mg/ml) in acetonitrile.

Description

Deacylhericenone is a deacylated derivative of hericenone C (Item No. 46340).[1] It increases the expression of *BDNF* mRNA in SH-SY5Y neuroblastoma and Caco-2 colon cancer cells at 12.5 µg/ml. Deacylhericenone also protects against hydrogen peroxide-induced decreases in viability in 1321N1 astrocytoma cells in a concentration-dependent manner.

Reference

1. Tamrakar, S., Wang, D., Hiraki, E., *et al*. Deacylated derivative of hericenone C treated by lipase shows enhanced neuroprotective properties compared to its parent compound. *Molecules* **28(11)**, 4549 (2023).

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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