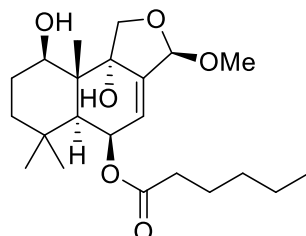


Nanangenine H

Code No.: **BIA-N2530**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

Specifications

CAS #	: NA
Molecular Formula	: C₂₂H₃₆O₆
Molecular Weight	: 396.5
Source	: <i>Aspergillus nanangensis</i>
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

The nanangenines are newly discovered drimane sesquiterpenoid metabolites from a hitherto undescribed Australian fungus, *Aspergillus nanangensis*. Nanangenine H is an acylated drimane which is a putative biosynthetic intermediate of the higher nanangenines. Nanangenine H is inactive against *B. subtilis* (IC₅₀ >100 µg/mL) and modestly active against NS-1 cell line (IC₅₀ 47 µg/mL). The nanangenines did not exhibit Gram negative, antibacterial, antifungal or herbicidal activity.

References

1. Nanangenines: drimane sesquiterpenoids as the dominant metabolite cohort of a novel Australian fungus, *Aspergillus nanangensis*. Lacey H.J. et al. *Beilstein J Org Chem*. 2019, 15, 2631.