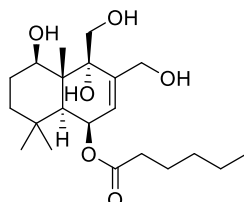


## Nanangenine G

Code No.: **BIA-N2442**

Pack sizes: **1 mg, 5 mg**



Synonyms :

### Specifications

CAS #	: NA
Molecular Formula	: <b>C<sub>21</sub>H<sub>36</sub>O<sub>6</sub></b>
Molecular Weight	: <b>384.5</b>
Source	: <b><i>Aspergillus nanangensis</i></b>
Appearance	: <b>Off-white solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in methanol or DMSO</b>

### Application Notes

The nanangenines are newly discovered drimane sesquiterpenoid metabolites from a hitherto undescribed Australian fungus, *Aspergillus nanangensis*. Nanangenine G is an acylated drimane which is a putative biosynthetic intermediate of the higher nanangenines. Nanangenine G is inactive against *B. subtilis* (IC<sub>50</sub> >100 µg/mL) and modestly active against NS-1 cell line (IC<sub>50</sub> 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.