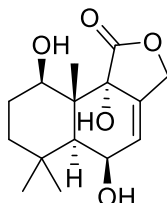


Nanangenine A

Code No.: **BIA-N2403**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms :

Specifications

CAS #	:	NA
Molecular Formula	:	C₁₅H₂₂O₅
Molecular Weight	:	282.3
Source	:	<i>Aspergillus nanangensis</i>
Appearance	:	Light brown 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 A is a trihydroxylated drimane lactone which was inactive in assays for antibiotic, cytotoxic, herbicidal and antifungal activity, suggesting that acylation at 6-OH is important for biological 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.