

## Nanangenine F

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Nanangenine F is a drimane sesquiterpene fungal metabolite that has been found in <i>A. nanangensis</i> . It is active against <i>B. subtilis</i> (IC <sub>50</sub> = 78 µg/ml) and cytotoxic to NS-1, DU145, and MCF-7 cancer and NFF non-cancerous cells (IC <sub>50</sub> s = 49, 95, 49, and 84 µg/ml, respectively).
Targets(IC <sub>50</sub> )	Others, Antibacterial

## Reference

Lacey, H.J., Gilchrist, C.L.M., Crombie, A., et al. Nanangenines: Drimane sesquiterpenoids as the dominant metabolite cohort of a novel Australian fungus, *Aspergillus nanangensis* Beilstein J. Org. Chem. 15:2631-2643 (2019)

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