

Product Data Sheet

Product Name: Nanangenine B

Cat. No.: GC48619

Chemical Properties

Cas. No. 1609469-72-8

SMILES CC1(C)CC[C@@H](O)[C@@]2(C)[C@@]1([H])[C@H](OC(CCCCC)=O)C=C(CO3)[C@]2(O)C3=O

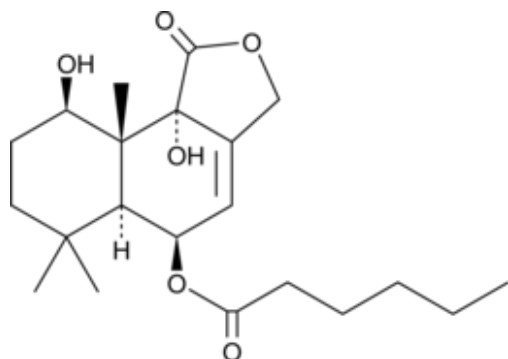
Formula C₂₁H₃₂O₆ M.Wt 380.5

Solubility Storage -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Nanangenine B is a drimane sesquiterpene that has been found in *Aspergillus*.¹ It is active against *B. subtilis* (IC₅₀ = 62 µg/ml) and cytotoxic to NS-1 mouse myeloma cells (IC₅₀ = 38 µg/ml).

1. 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)

Caution: Product has not been fully validated for medical applications. For research use only.

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