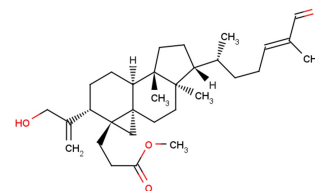


Sootepin D

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 1154518-97-4 |
| Formula: | C ₃₁ H ₄₈ O ₄ |
| Molecular Weight: | 484.71 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|--|
| Description | Sootepin D is a triterpene from the apical bud of <i>Gardenia sootepensis</i> , and is TNF- α -induced NF- κ B inhibitor (IC ₅₀ of 8.3 μ M), with anti-inflammatory activity. |
| Targets(IC ₅₀) | NF- κ B: None |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.063 mL | 10.315 mL | 20.631 mL |
| 5 mM | 0.413 mL | 2.063 mL | 4.126 mL |
| 10 mM | 0.206 mL | 1.032 mL | 2.063 mL |
| 50 mM | 0.041 mL | 0.206 mL | 0.413 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Youn UJ, et al. Anti-inflammatory triterpenes from the apical bud of

Inhibitors · Natural Compounds · Compound Libraries

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