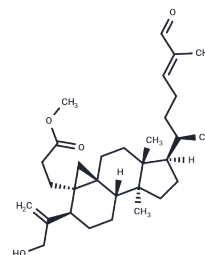


Sootepin D

Chemical Properties

CAS No. :	1154518-97-4
Formula:	C ₃₁ H ₄₈ O ₄
Molecular Weight:	484.71
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	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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0631 mL	10.3154 mL	20.6309 mL
5 mM	0.4126 mL	2.0631 mL	4.1262 mL
10 mM	0.2063 mL	1.0315 mL	2.0631 mL
50 mM	0.0413 mL	0.2063 mL	0.4126 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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