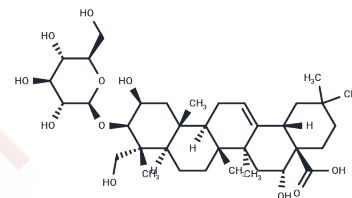


Bernardioside A

Chemical Properties

CAS No. :	121368-52-3
Formula:	C ₃₆ H ₅₈ O ₁₁
Molecular Weight:	666.84
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	Bernardioside A is a natural product
Targets(IC50)	Others
In vitro	The methanolic extract and its saponin fraction (methanol-eluted fraction) of the flowers of <i>Bellis perennis</i> were found to suppress serum triglyceride elevation in olive oil-treated mice. From the saponin fraction, seven new triterpene saponins, perennisosides I (1), II (2), III (3), IV (4), V (5), VI (6), and VII (7), were isolated together with four known saponins, bellidioside A (8), asterbatanoside D (9), bernardioside B 2 (10), and bellissaponin BS6 (11). The stereostructures of 1- 7 were elucidated on the basis of chemical and spectroscopic evidence.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4996 mL	7.4981 mL	14.9961 mL
5 mM	0.2999 mL	1.4996 mL	2.9992 mL
10 mM	0.150 mL	0.7498 mL	1.4996 mL
50 mM	0.030 mL	0.150 mL	0.2999 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

Perennisosides I-VII, Acylated Triterpene Saponins with Antihyperlipidemic Activities from the Flowers of *Bellis perennis* Journal of Natural Products, 2008, 71(5):828-835.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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