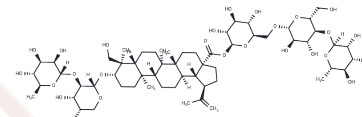


Pulchrenoside C

Chemical Properties

CAS No. :	129741-57-7
Formula:	C ₅₉ H ₉₆ O ₂₆
Molecular Weight:	1221.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pulchrenoside C (Anemoside B4) is an abundant triterpenoid saponin isolated from <i>P. chinensis</i> , exhibiting significant anti-inflammatory and antioxidant properties.
Targets(IC50)	IL Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (40.94 mM), Sonication is recommended. H ₂ O: 50 mg/mL (40.94 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8187 mL	4.0937 mL	8.1875 mL
5 mM	0.1637 mL	0.8187 mL	1.6375 mL
10 mM	0.0819 mL	0.4094 mL	0.8187 mL
50 mM	0.0164 mL	0.0819 mL	0.1637 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.

Reference

- Hu Y1, He K1, Wang X1. Role of Chinese herbal medicinal ingredients in secretion of cytokines by PCV2-induced endothelial cells. *J Immunotoxicol.* 2016;13(2):141-7.
- Xu H1, Ji X, Shi X, Du Y, Zhu H, Zhang L. Development of a novel method for triterpenoidal saponins in rat plasma by solid-phase extraction and high-performance liquid chromatography tandem mass spectrometry. *Anal Biochem.* 2011 Dec 15;419(2):323-32.
- Liu M1, Zhao X, Xiao L, Liu G, et al. Cytotoxicity of the compounds isolated from *Pulsatilla chinensis* saponins and apoptosis induced by 23-hydroxybetulinic acid. *Pharm Biol.* 2015 Jan;53(1):1-9.

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