

Purpureaside C

Chemical Properties

CAS No.:	108648-07-3
Formula:	C ₃₅ H ₃₉ O ₂₀
Molecular Weight:	786.73
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Purpureaside C has significant proinflammatory, immunomodulating and antimicrobial effects.
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Solubility Information

Solubility	DMSO: 120 mg/mL (152.53 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.271 mL	6.355 mL	12.711 mL
5 mM	0.254 mL	1.271 mL	2.542 mL
10 mM	0.127 mL	0.636 mL	1.271 mL
50 mM	0.025 mL	0.127 mL	0.254 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. Molnar J, et al. Antimicrobial and immunomodulating effects of some phenolic glycosides. *Acta Microbiol Hung.* 1989;36(4):425-32.

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