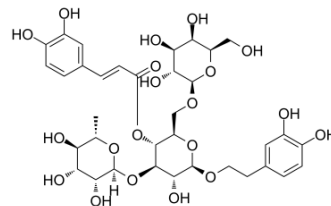


Purpureaside C

Cat. No.:	HY-N4148		
CAS No.:	108648-07-3		
Molecular Formula:	C ₃₅ H ₄₆ O ₂₀		
Molecular Weight:	786.73		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (158.89 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2711 mL	6.3554 mL	12.7108 mL
5 mM	0.2542 mL	1.2711 mL	2.5422 mL
10 mM	0.1271 mL	0.6355 mL	1.2711 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (2.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (2.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (2.64 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Purpureaside C is a phenolic glycoside and has significant proinflammatory action.

REFERENCES

[1]. Molnar J, et al. Antimicrobial and immunomodulating effects of some phenolic glycosides. Acta Microbiol Hung. 1989;36(4):425-32.

Caution: Product has not been fully validated for medical applications. For research use only.

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