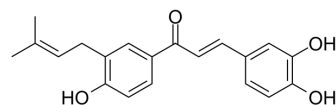


Anti-inflammatory agent 32

Cat. No.:	HY-150156
CAS No.:	2577388-38-4
Molecular Formula:	C ₂₀ H ₂₀ O ₄
Molecular Weight:	324.37
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (308.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	3.0829 mL	15.4145 mL	30.8290 mL
		5 mM	0.6166 mL	3.0829 mL	6.1658 mL
	10 mM	0.3083 mL	1.5414 mL	3.0829 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.71 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.71 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 32 (compound C3) has anti-oxidative and anti-inflammatory activity. Anti-inflammatory agent 32 can be used for skin care products research and development ^[1] .
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REFERENCES

[1]. KU JIN-MO, et al. COMPOSITION FOR TREATING OR PREVENTING INFLAMMATORY BOWEL DISEASE. WO2021010690. 2021.

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

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