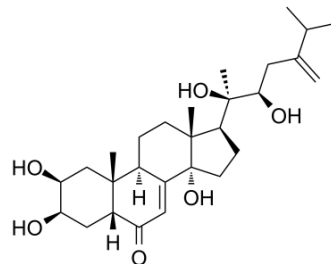


Polyporusterone B

Cat. No.:	HY-N7693
CAS No.:	141360-89-6
Molecular Formula:	C ₂₈ H ₄₄ O ₆
Molecular Weight:	476.65
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (104.90 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.0980 mL	10.4899 mL	20.9798 mL
				5 mM	0.4196 mL	2.0980 mL	4.1960 mL
				10 mM	0.2098 mL	1.0490 mL	2.0980 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 (5.24 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.24 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Polyporusterone B is a triterpene carboxylic acid isolated from Polyporus umbellatus Fries. Polyporusterone B has inhibitory effect on free radical-induced lysis of red blood cells ^[1] .
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REFERENCES

[1]. Nobuyasu Sekiya, et al. Inhibitory effects of triterpenes isolated from Chuling (Polyporus umbellatus Fries) on free radical-induced lysis of red blood cells. Biol Pharm Bull. 2005 May;28(5):817-21.

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

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