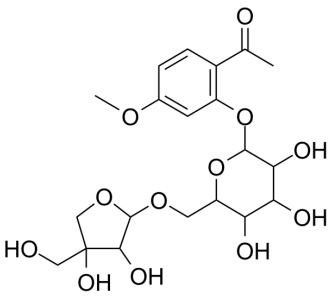
Apiopaeonoside

Cat. No.:	HY-N2161
CAS No.:	100291-86-9
Molecular Formula:	$C_{20}H_{28}O_{12}$
Molecular Weight:	460.43
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 (217.19 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.1719 mL	10.8594 mL	21.7188 mL
	5 mM	0.4344 mL	2.1719 mL	4.3438 mL
	10 mM	0.2172 mL	1.0859 mL	2.1719 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 (5.43 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (5.43 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (5.43 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Apiopaeonoside is a natural product isolated from the root of Paeonia suffruticosa[1].

REFERENCES

[1]. Yu J, et al. A new compound, apiopaeonoside, isolated from the root of Paeonia suffruticosa. Yao Xue Xue Bao. 1986 Mar;21(3):191-7.

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

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