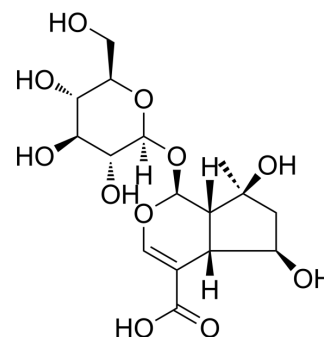


Shanziside

Cat. No.:	HY-N4092
CAS No.:	29836-27-9
Molecular Formula:	C ₁₆ H ₂₄ O ₁₁
Molecular Weight:	392.36
Target:	Others
Pathway:	Others
Storage:	-20°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 : 50 mg/mL (127.43 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5487 mL	12.7434 mL	25.4868 mL
	5 mM	0.5097 mL	2.5487 mL	5.0974 mL
	10 mM	0.2549 mL	1.2743 mL	2.5487 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: ≥ 1.25 mg/mL (3.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.25 mg/mL (3.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.25 mg/mL (3.19 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Shanziside is a iridoid glucoside isolated from *Phlomis tuberosa* L^[1].

CUSTOMER VALIDATION

- bioRxiv. 2024 July 16.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Alipieva KI, et al. Iridoid glucosides from *Phlomis tuberosa* L. and *Phlomis herba-ventis* L.Z Naturforsch C J Biosci. 2000 Mar-Apr;55(3-4):137-40.

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

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