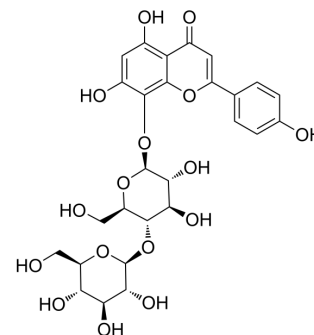


Glucosyl-vitexin

Cat. No.:	HY-N0533
CAS No.:	76135-82-5
Molecular Formula:	C ₂₇ H ₃₀ O ₁₆
Molecular Weight:	610.52
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 : 250 mg/mL (409.49 mM); ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.6379 mL	8.1897 mL	16.3795 mL
	5 mM	0.3276 mL	1.6379 mL	3.2759 mL
	10 mM	0.1638 mL	0.8190 mL	1.6379 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 (3.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (3.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.41 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Glucosyl-vitexin is a bioactive flavonoid from leaves of *Crataegus pinnatifida*.

REFERENCES

- [1]. Lei Wen, et al. An Efficient Method for the Preparative Isolation and Purification of Flavonoids from Leaves of *Crataegus pinnatifida* by HSCCC and Pre-HPLC. *Molecules*. 2017 May 9;22(5):767.

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

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