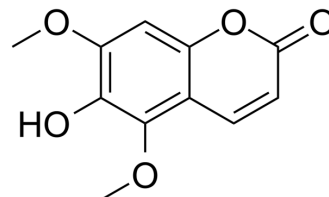


Fraxinol

Cat. No.:	HY-N2372
CAS No.:	486-28-2
Molecular Formula:	C ₁₁ H ₁₀ O ₅
Molecular Weight:	222.19
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
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 : 25 mg/mL (112.52 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.5007 mL	22.5033 mL	45.0065 mL
	5 mM	0.9001 mL	4.5007 mL	9.0013 mL
	10 mM	0.4501 mL	2.2503 mL	4.5007 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: ≥ 2.5 mg/mL (11.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fraxinol is isolated from *Lobelia chinensis*^[1].

CUSTOMER VALIDATION

- Pharm Biol. 2022 Dec;60(1):979-989.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Wei J, et al. In vitro inhibitory effects of Friedelin on human liver cytochrome P450 enzymes. Pharm Biol. 2018 Dec;56(1):363-367.

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

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