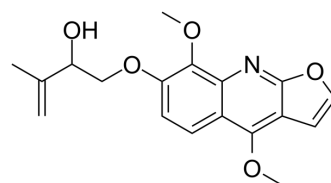


Evodine

Cat. No.:	HY-N0689
CAS No.:	6989-38-4
Molecular Formula:	C ₁₈ H ₁₉ NO ₅
Molecular Weight:	329.35
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 66 mg/mL (200.39 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.0363 mL	15.1814 mL	30.3628 mL
5 mM	0.6073 mL	3.0363 mL	6.0726 mL		
10 mM	0.3036 mL	1.5181 mL	3.0363 mL		

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Evodine, the major limonoid of *Evodiae Fuctus*, is a potent P-gp inhibitor. Evodine has protection against glutamate-induced toxicity by preserving the antioxidant defense system^[1].

REFERENCES

[1]. Xia YY, et al. Simultaneous determination of evodiamine and evodine in Beagle dog plasma using liquid chromatography tandem mass spectrometry. *J Asian Nat Prod Res.* 2013;15(3):235-43.

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

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