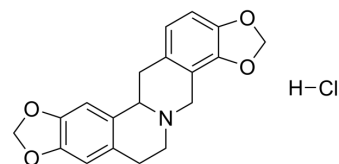


(±)-Stylopine hydrochloride

Cat. No.:	HY-N0924A
CAS No.:	96087-21-7
Molecular Formula:	C ₁₉ H ₁₈ ClNO ₄
Molecular Weight:	359.8
Target:	Parasite
Pathway:	Anti-infection
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 : 2 mg/mL (5.56 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (ultrasonic) (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7793 mL	13.8966 mL	27.7932 mL
	5 mM	0.5559 mL	2.7793 mL	5.5586 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

(±)-Stylopine (Tetrahydrocoptisine) hydrochloride is an alkaloid compound originally isolated from *Corydalis tubers* that exhibits anti-inflammatory and anti-parasitic activities^{[1][2]}.

REFERENCES

- [1]. Li W, et al. Anti-inflammatory effect of tetrahydrocoptisine from *Corydalis impatiens* is a function of possible inhibition of TNF- α , IL-6 and NO production in lipopolysaccharide-stimulated peritoneal macrophages through inhibiting NF- κ B activation and MAP
- [2]. Li W, et al. Protective effect of tetrahydrocoptisine against ethanol-induced gastric ulcer in mice. *Toxicol Appl Pharmacol.* 2013 Oct 1;272(1):21-9.

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

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