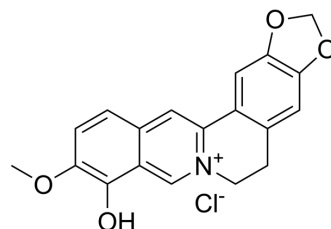


Berberrubine chloride

Cat. No.:	HY-125850
CAS No.:	15401-69-1
Molecular Formula:	C ₁₉ H ₁₆ ClNO ₄
Molecular Weight:	357.79
Target:	Drug Metabolite
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

Ethanol : 2 mg/mL (5.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.7949 mL	13.9747 mL	27.9494 mL
5 mM		0.5590 mL	2.7949 mL	5.5899 mL
10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

Berberrubine chloride is an active metabolite of berberine, attenuates ulcerative colitis in mice model^[1].

REFERENCES

[1]. Yu XT, et al. Berberrubine attenuates mucosal lesions and inflammation in dextran sodium sulfate-induced colitis in mice. PLoS One. 2018 Mar 14;13(3):e0194069.

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

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