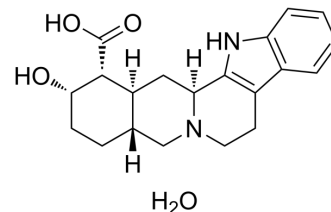


Yohimbic acid hydrate

Cat. No.:	HY-121936A
CAS No.:	207801-27-2
Molecular Formula:	C ₂₀ H ₂₆ N ₂ O ₄
Molecular Weight:	358.43
Target:	Others
Pathway:	Others
Storage:	-20°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 : ≥ 125 mg/mL (348.74 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7899 mL	13.9497 mL	27.8995 mL
	5 mM	0.5580 mL	2.7899 mL	5.5799 mL
	10 mM	0.2790 mL	1.3950 mL	2.7899 mL

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

BIOLOGICAL ACTIVITY

Description

Yohimbic acid hydrate is an amphoteric demethylated derivative of [Yohimbine](#) (HY-12715). Yohimbic acid hydrate exhibits vasodilatory action. Yohimbic acid hydrate also can be used for the research of osteoarthritis (OA)^{[1][2][3]}.

REFERENCES

- [1]. HAMEY R. Demonstration of the direct vasodilatory action of yohimbic acid and Py-tetrahydroquinoline. C R Hebd Seances Acad Sci. 1960 Jun 27;250:4473-5.
- [2]. HAMEY R. Sympatholytic activity and toxicity of an amphoteric demethylated derivative of yohimbine: yohimbic acid. C R Hebd Seances Acad Sci. 1951 Oct 29;233(18):1069-71.
- [3]. Wang S, et, al. Significantly dysregulated genes in osteoarthritic labrum cells identified through gene expression profiling. Mol Med Rep. 2019 Aug; 20(2): 1716-1724.

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

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