

## Yohimbic acid

## Chemical Properties

CAS No. : 522-87-2

Formula: C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>

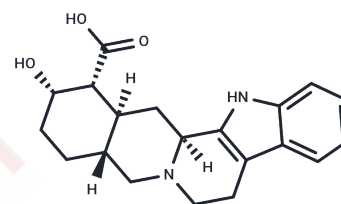
Molecular Weight: 340.42

Storage:

Keep away from moisture, Keep away from direct sunlight, Store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Yohimbic acid is a natural derivative of Yohimbine exhibiting weak inhibition of topoisomerase 1/2 at the $\mu$ M level.
Targets(IC50)	Topoisomerase

## Solubility Information

Solubility	DMSO: 100.00 mg/mL (293.75 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9375 mL	14.6877 mL	29.3755 mL
5 mM	0.5875 mL	2.9375 mL	5.8751 mL
10 mM	0.2938 mL	1.4688 mL	2.9375 mL
50 mM	0.0588 mL	0.2938 mL	0.5875 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

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