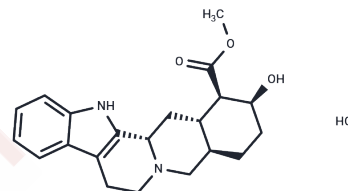


Yohimbine hydrochloride

Chemical Properties

CAS No. :	65-19-0
Formula:	C ₂₁ H ₂₇ ClN ₂ O ₃
Molecular Weight:	390.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Yohimbine hydrochloride (Antagonil) is a plant alkaloid with alpha-2-adrenergic blocking activity. Yohimbine has been used as a mydriatic and in the treatment of ERECTILE DYSFUNCTION.
Targets(IC ₅₀)	Adrenergic Receptor
In vivo	LD ₅₀ : 55 mg/kg,i.p.,mice

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 42.5 mg/mL (108.72 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	2.5582 mL	12.791 mL	25.582 mL
5 mM	0.5116 mL	2.5582 mL	5.1164 mL
10 mM	0.2558 mL	1.2791 mL	2.5582 mL
50 mM	0.0512 mL	0.2558 mL	0.5116 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.

Reference

- Ernst E, et al. J Urol, 1998, 159(2), 433-436.
 Banihashemi L, et al. J Neurosci, 2006, 26(44), 11442-11453.
 Wink M, et al. J Chem Ecol, 1998, 24(11), 1881-1937

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