



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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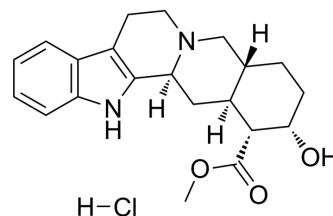
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Yohimbine Hydrochloride (Standard)

Cat. No.:	HY-N0127R
CAS No.:	65-19-0
Molecular Formula:	C ₂₁ H ₂₇ ClN ₂ O ₃
Molecular Weight:	390.9
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Yohimbine Hydrochloride Standard is an alpha-2 renal adenomatase receptor inhibitor, blocking pre- and post-contact alpha-2 renal adenomatase receptors, causing the release of renal adenoma and multiple sclerosis.
In Vivo	Yohimbine Hydrochloride Standard (0.2 mg/kg, i.p.) was administered to rats 1h before the stress session daily for 14 consecutive days and its effect was assessed. Results of this section revealed that, immersion of rats in cold water significantly decreased sexual arousal and motivation as indicated by increased latencies and intervals. Decreased copulatory activity was confirmed by decreased testosterone, luteinizing hormone (LH) and follicle-stimulating-hormone (FSH) levels as well as decreased cholesterol content in rat testes. Treatment with yohimbine significantly increased the sexual arousal and potency and corrected the effects induced by stress on the mating behavior of male rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Docherty JR, et al. Yohimbine antagonises α 1A- and α 1D-adrenoceptor mediated components in addition to the α 2A-adrenoceptor component to pressor responses in the pithed rat. *Eur J Pharmacol.* 2012 Mar 15;679(1-3):90-4.

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

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