Yohimbine hydrochloride

Product Number Y 3125
Store at Room Temperature

Product Description
Molecular Formula: C_{21}H_{26}N_{2}O_{3} \cdot HCl
Molecular Weight: 390.9
CAS Number: 65-19-0
Melting Point: 288-290 °C

Yohimbine hydrochloride is an $\alpha_2$-adrenergic receptor antagonist. It blocks the central $\alpha_2$-adrenergic receptors in the brain, thus preventing and reducing the effects of xylazine, an $\alpha_2$-adrenergic agonist. The sedative effects and respiratory depression that accompany xylazine administration are both antagonized and reversed by yohimbine. Yohimbine hydrochloride also produces an antidiuretic effect, and increases heart rate and blood pressure.\(^2\)

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
Yohimbine hydrochloride is soluble in water (approximately 8 mg/ml) and in ethanol (approximately 2.5 mg/ml). Aqueous solutions have a neutral pH.\(^3\)

Storage/Stability
Solutions should be protected from light.

References