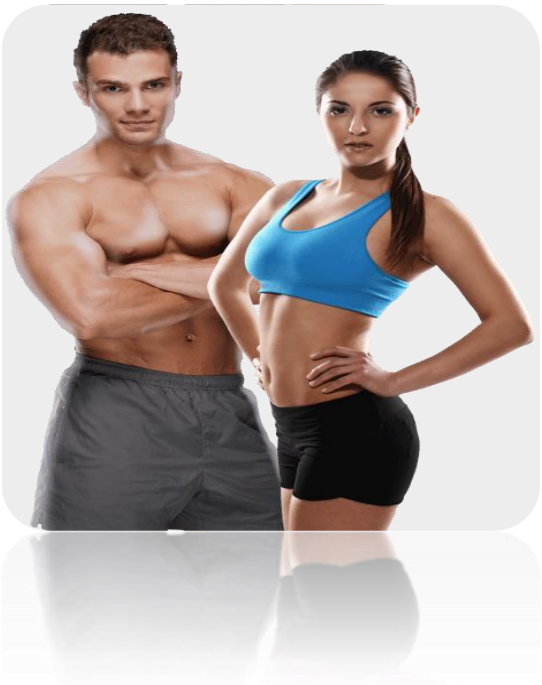
Rauwolscine / Alfa Yohimbine – Natural and Safe Alternative for FAT BURNING

Rauwolscine or Alfa–Yohimbine is an indole alkaloid with stimulant, aphrodisiac and local anaesthetic effects found naturally in plants of the genus Rauwolfia and Pausinystalia, along with several other active alkaloids including Yohimbine. Rauwolscine is a stereoisomer of Yohimbine, that is it is chemically identical, but differs in its 3 dimensional orientation. There are a total of 3 stereoisomers of Yohimbine, the other two are corynanthine and 3-epi-alpha-yohimbine.

How it works – science behind this natural supplement



Fat-Burning Potential

Rauwolscine, or {3H}Rauwolscine, is a potent and selective antagonist of alpha-2 adrenergic receptors. This is the same mechanism by which yohimbine acts by blocking the pre- and post-synaptic alpha-2 adrenoceptors, this prevents the release of Norepinephrine from cells. Norepinepherine stimulates both the alpha and beta receptors in a cell. Stimulation of the beta adrenoceptors causes the breakdown of fat, whilst stimulating the alpha-2 adrenoceptors prevents this breakdown of fats.Alfa Yohimbine (Rauwolscine) blocks the alpha feedback mechanism, thus increasing norepinephrine. Additionally in blocking the alpha-2 receptor it blocks the storage of new fat.

Serotonergic Effects

Its works in a similar fashion like yohimbine, rauwolscine is an agonist of 5-HT1a/b receptors and induces serotonin-like effects.Whereas yohimbine has more affinity for the receptor, rauwolscine has a lower IC50 value (meaning it can saturate more receptors at the same dose) and can be seen as slightly more potent in serotonergic activity. Rauwolscine, an antagonist radioligand for the cloned human 5-hydroxytryptamine2b (5-HT2B) receptor.

Supplement for Erectile Problems

Alfa-Yohimbine works by further blocking the post-synaptic alpha-2 adrenoceptors leads to minor corpora cavernosa smooth muscle relaxation. In fact the majority of adrenoceptors in the corpora cavernosa arealpha-1. These are the properties of Rauwolscine and Yohimbe that mean it is useful in stopping of erectile dysfunction. This may prove useful for those in bodybuilding who are using, or have recently stopped using AASs, as loss of libido and erectile problems are a known side effect of these substances.

FAT Burner

It should be noted that the the abdominal area in men and the glutofemoral (butt) area in women contains a higher ratio of alpha-2 receptors, this seems, from personal experience, to make Rauwolscine more effective in these areas. Also blocking the alpha-2 receptors increases blood flow in fatty tissue, which alsoprevents fat from being deposited in the area.

Blood Vessel and Cardiac Health

{3H}Rauwolscine is less potent than Yohimbine in protecting against adrenaline-induced blood pressure increases (both of which were less potent than corynanthine and more potent than 3-epi-alpha-yohimbine), this effect seems related to their affinity for the alpha-2 adrenoreceptor.

Side Effects

Unlike ECA and Yohimbine, Rauwolscine does not have the associated anxiety and panic attacks which are prevalent with them, additionally the level of shakes on higher dosages are basically non-existent. Additionally the same level of blood pressure increase as did on ECA and Yohimbine.

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Also given that Rauwolscine effectively raises the levels of norepinephrine then taking it too late at night can cause insomnia, although from personal experience this seems to be much less extreme than Yohimbine and certainly ECA.

However as with all central nervous stimulants, Rauwolscine should NOT be taken by those people how have any history of, but not limited to, strokes, high blood pressure, heart, liver, kidney, or thyroid disease, diabetes or anemia, a family history of these or other medical conditions, or if taking any prescription, OTC, and/or other herbal medications. Please consult with a qualified medical practitioner if in doubt.

Scientific Support & Reference Citations

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3.Arthur JM, Casañas SJ, Raymond JR. Partial agonist properties of rauwolscine and yohimbine for the inhibition of adenylyl cyclase by recombinant human 5-HT1A receptors.Biochem Pharmacol. (1993)

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