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Sibutramine Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Sibutramine Hydrochloride*. NCI Thesaurus. Code C47718.

The hydrochloride salt form of sibutramine, a phenethylamine derivative with appetite depressant property. Sibutramine hydrochloride metabolites M1 and M2 competitively inhibit the reuptake of norepinephrine, serotonin, and to a lesser degree dopamine by pre-synaptic nerve terminals, thereby promoting a sense of satiety, leading to a decrease in calorie intake, and possibly an increase in resting metabolic rate. This agent does not exhibit anticholinergic or antihistaminic effects.