

Title (en)
ALPHA 1a ADRENERGIC RECEPTOR ANTAGONISTS

Title (de)
ALPHA 1A ADRENERGISCHE REZEPTORANTAGONISTEN

Title (fr)
ANTAGONISTES DU RECEPTEUR ALPHA-1a-ADRENERGIQUE

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Abstract (en)
[origin: CA2213192A1] This invention relates to novel compounds, their synthesis and use as selective .alpha.1a adrenergic receptor antagonists. One application of the compounds is in the treatment of benign prostatic hyperplasia. The compounds are selective in their ability to relax smooth muscle tissue enriched in the .alpha.1a receptor subtype without at the same time inducing hypotension. One such tissue is found surrounding the urethral lining. Therefore, one utility of the instant compounds is to provide acute relief to males suffering from benign prostatic hyperplasia, by permitting less hindered urine flow. Another utility of the instant compounds is provided by combination with a human 5alpha reductase inhibitory compound, such that both acute and chronic relief from the effects of benign prostatic hyperplasia are achieved.

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