

Title (en)
ALPHA 1a ADRENERGIC RECEPTOR ANTAGONISTS

Title (de)
ALPHA 1a ADRENERGISCHE REZEPTORANTAGONISTEN

Title (fr)
ANTAGONISTES DU RECEPTEUR ADRENERGIQUE ALPHA 1a

Publication
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Application
EP 96919056 A 19960604

Priority
• US 9608672 W 19960604
• US 47016495 A 19950606

Abstract (en)
[origin: WO9639140A1] This invention relates to certain novel compounds and derivatives thereof, their synthesis, and their use as selective alpha 1a adrenergic receptor antagonists. One application of these compounds is in the treatment of benign prostatic hyperplasia. These 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 5-alpha reductase inhibitory compound, such that both acute and chronic relief from the effects of benign prostatic hyperplasia are achieved.

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Citation (search report)
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• [A] WO 9418204 A1 19940818 - MERCK & CO INC [US], et al
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• See references of WO 9639140A1

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