

Title (en)  
ALPHA 1a ADRENERGIC RECEPTOR ANTAGONISTS

Title (de)  
ALPHA 1A ADRENERGISCHE REZEPTORANTAGONISTEN

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

Publication  
**EP 0812196 A1 19971217 (EN)**

Application  
**EP 96905575 A 19960223**

Priority

- GB 9603457 A 19960219
- US 9602534 W 19960223
- US 39269995 A 19950223
- US 253495 P 19950818

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.

IPC 1-7  
**A61K 31/445**; A61K 31/41; A61K 31/415; A61K 31/42; A61K 31/425; C07D 413/14; C07D 417/14

IPC 8 full level  
**C07D 417/14** (2006.01); **A61K 31/41** (2006.01); **A61K 31/415** (2006.01); **A61K 31/42** (2006.01); **A61K 31/425** (2006.01); **A61K 31/445** (2006.01); **A61K 31/495** (2006.01); **A61K 31/535** (2006.01); **A61K 31/54** (2006.01); **A61K 31/55** (2006.01); **A61K 31/58** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **C07D 413/14** (2006.01); **C07D 513/04** (2006.01)

CPC (source: EP)  
**C07D 417/14** (2013.01); **C07D 513/04** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
AU 4930196 A 19960911; AU 700559 B2 19990107; CA 2213192 A1 19960829; EP 0812196 A1 19971217; EP 0812196 A4 19980520; JP H11508536 A 19990727

DOCDB simple family (application)  
AU 4930196 A 19960223; CA 2213192 A 19960223; EP 96905575 A 19960223; JP 52585596 A 19960223