

Title (en)
ALPHA 1b ADRENERGIC RECEPTOR ANTAGONISTS

Title (de)
ALPHA 1B ADRENERGISCHER REZEPTORANTAGONISTEN

Title (fr)
ANTAGONISTES DU RECEPTEUR ADRENERGIQUE ALPHA 1b

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Abstract (en)
[origin: WO9711698A1] This invention relates to certain novel compounds and derivatives thereof, their synthesis, and their use as selective alpha 1b adrenergic receptor antagonists. These compounds display submicromolar affinity for the human alpha 1b adrenergic receptor subtype while displaying at least five-fold lower affinity for the human alpha 1d and alpha 1a adrenergic receptor subtypes, and many other G-protein coupled human receptors. One application of these compounds is in the treatment of hypertension. More specifically, these compounds display selectivity for lowering blood pressure without, for example, substantially affecting urethral pressure.

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