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Synthesis and Calcium channel antagonist activity of Nifedipine analogues with Chloroindolyl substituent

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Abstract:

Various diester analogues of nifedipine in which the ortho nitrophenyl group at position 4 were replaced by 3-chloro-1H-2-indolyl substituent, were synthesized and evaluated as calcium antagonists on guinea-pig ileal smooth muscle. Nifedipine was used as a standard. Compound 6f was found to be the most active.

Keywords:

Nifedipine analogues

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