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CONTROLLED DRUG DELIVERY SYSTEM FOR DILTIAZEM

ABSTRACT

A pharmaceutical composition in the form of a tablet or a capsule for the controlled release of diltiazem, comprises about 30 to about 97% by weight of a hydrophilic polymer, about 0.5 to about 30% by weight of an enteric (pH-dependent) polymer, and about 2.5 to about 60% by weight of diltiazem or a pharmaceutically acceptable salt or ester thereof. The ratio of hydrophilic polymer to enteric polymer is in the range of about 1:1 to about 15:1. Such a pharmaceutical composition releases diltiazem at a rate that allows effective plasma levels of diltiazem to be maintained over a period of twenty-four hours after administration to human adult subjects.

(Fig 1)

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