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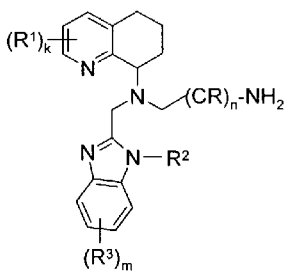
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(54) Title: PROCESS FOR THE SYNTHESIS OF A CXCR4 ANTAGONIST



(I')

(57) Abstract: This invention relates to a process for synthesizing heterocyclic pharmaceutical compound which binds to the CXCR4 chemokine receptor. In one embodiment, the process comprises: a) reacting a 5,6,7,8-tetrahydroquinolinylamine and an alkyl aldehyde bearing a phthalimide or a di-*tertiary*-butoxycarbonyl (di-BOC) protecting group to form an imine; b) reducing the imine to form a secondary amine; c) reacting the secondary amine with a haloalkyl substituted heterocyclic compound, to form a phthalimido-protected or di-*tert*-butoxycarbonyl protected tertiary amine; and d) hydrolyzing the protected amine to obtain a compound having Formula (I').

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