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Changyou [US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US).

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(74) Common Representative: **MERCK & CO., INC.**; 126
East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(71) Applicant (for all designated States except US): **MERCK
& CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CAI, Dong-
wei** [US/US]; 126 East Lincoln Avenue, Rahway, NJ
07065-0907 (US). **FLEITZ, Fred** [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907 (US). **GE,
Min** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ
07065-0907 (US). **HOERRNER, Scott** [US/US]; 126
East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
JAVADI, Gary [US/US]; 126 East Lincoln Avenue,
Rahway, NJ 07065-0907 (US). **JENSEN, Mark** [US/US];
126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
LARSEN, Robert [US/US]; 126 East Lincoln Avenue,
Rahway, NJ 07065-0907 (US). **LI, Wenjie** [US/US];
126 East Lincoln Avenue, Rahway, NJ 07065-0907
(US). **NELSON, Dorian** [US/US]; 126 East Lincoln
Avenue, Rahway, NJ 07065-0907 (US). **SZUMIGALA,
Elizabeth** [US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US). **YANG, Lihu** [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ZHOU,**

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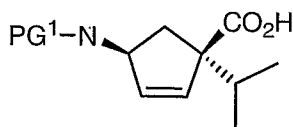
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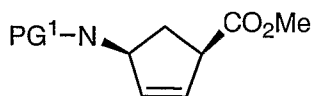
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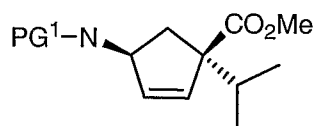
(54) Title: PROCESS FOR THE PREPARATION OF CCR-2 ANTAGONIST



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(57) Abstract: The present invention provides an efficient synthesis for the preparation of ((1R,3S)-3-isopropyl-3- {[3-(trifluoromethyl)-7,8-di-hydro-1,6-naphthyridin-6(5H)-yl]carbonyl} cyclopentyl)((3S,4S)-3-methoxytetrahydro-2H-pyran-4-yl)amine and its succinate salt. The present invention additionally provides an efficient syntheses for the preparation of intermediates (3R)-3-methoxytetrahydro-4H-pyran-4-one; (1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylic acid; and 3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine; and for the preparation of the precursor (3S,4S)-N-((1S,4S)-4-isopropyl-4-[[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl]cyclopent-2-en-1-yl)-3-methoxytetrahydro-2H-pyran-4-amine. The invention additionally resides in the superior properties of the succinate salt of ((1R,3S)-3-isopropyl-3-[[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl]cyclopentyl)((3S,4S)-3-methoxytetrahydro-2H-pyran-4-yl)amine.

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