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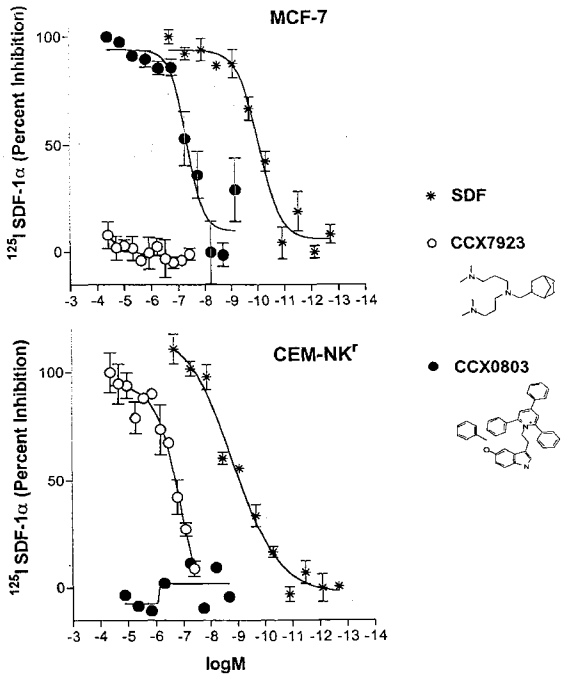
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[Continued on next page]

(54) Title: COMPOSITIONS AND METHODS FOR DETECTING AND TREATING DISEASES AND CONDITIONS RELATED TO CHEMOKINE RECEPTORS



Ligand Affinities:

	MCF-7	CEM-NKr
SDF-1α IC_{50} (nM)	0.08	1.30
CCX7923 IC_{50} (nM)	*	106
CCX0803 IC_{50} (nM)	46	*

* ligand does not compete with ^{125}I SDF-1α for the CXCR4 form on this cell type

(57) Abstract: Compositions and Methods for Detecting and Treating Diseases and Conditions Related to Chemokine ReceptorsABSTRACT OF THE DISCLOSUREThe present invention provides methods for identifying an agent that specifically binds and/or modulates one topology of chemokine receptor but not a second topology of the receptor. Such agents are useful as therapeutics for diseases or conditions associated with a particular chemokine receptor topology. Moreover, the agents are useful for detecting a particular topology of a chemokine receptor, thereby diagnosing disease or predisposition for a disease. In addition, the agents are useful for identifying and isolating cells that express a particular topology of a chemokine receptor.

WO 03/047420 A2

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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