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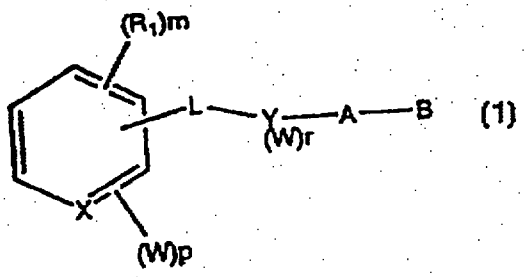
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(54) Title: SUBSTITUTED ARYL OR HETEROARYLAMIDES HAVING RETINOID-LIKE BIOLOGICAL ACTIVITY

(57) Abstract

Compounds of formula (1), wherein X is CH or N; R_1 is independently H or alkyl of 1 to 6 carbons; m is an integer having the value of 0-5; p is an integer having the value of 0-2; r is an integer having the value 0-2; L is -(C=Z)-NH- or -NH-(C=Z)- where Z is O or S; Y is a phenyl or naphthyl group, or heteroaryl selected from a group consisting of pyridyl, thienyl, furyl, pyridazinyl, pyrimidinyl, pyrazinyl, thiazolyl, oxazolyl, imidazolyl and pyrrazolyl, said phenyl, naphthyl and heteroaryl groups being optionally substituted with one or two R_1 groups; A is $(CH_2)_q$ where q is 0-5, lower branched chain alkyl having 3-6 carbons, cycloalkyl having 3-6 carbons, alkenyl having 2-6 carbons and 1 or 2 double bonds, alkynyl having 2-6 carbons and 1 or 2 triple bonds, and B is COOH or a pharmaceutically acceptable salt thereof, $COOR_8$, $CONR_9R_{10}$, $-CH_2OH$, CH_2OR_{11}, CH_2OCOR_{11}, CHO, $CH(OR_{12})_2$, $CHOR_{13}O$, $-COR_7$, $CR_7(OR_{12})_2$, $CR_7OR_{13}O$, where the remaining substituents are defined in the claims, have retinoid-like biological activity.



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