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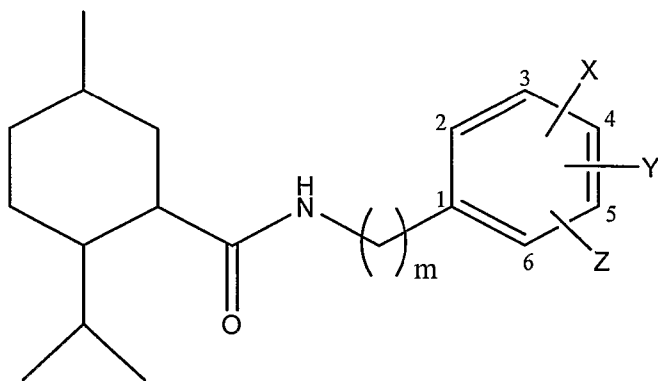
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(54) Title: N-SUBSTITUTED P-MENTHANE CARBOSAMIDES



(I)

(57) Abstract: Compounds of the formula (I) give a cooling sensation to the mouth and skin. In Formula I, m is 0 or 1, Y and Z are selected independently from the group consisting of H, OH, C1-C4 straight or branched alkyl, or, a C1-C4 straight or branched alkoxy, X is (CH₂)_n-R, where n is 0 or 1 and R is a group with non-bonding electrons, with the provisos that: (a) when Y and Z are H, X is not F, OH, MeO or NO₂ in the 4-position and is not OH in the 2 or 6-position; (b) when Y or Z is H then X, Y and Z are such that (i) the

groups in the 3- and 4-positions are not both OMe, (ii) the groups in the 4- and 5-positions are not both OMe, (iii) the groups in 3- and 5-positions are not OMe if the group in the 4-position is OH, and (iv) the groups in the 3- and 5-positions are not OH if the group in the 4-position is methyl. The compounds give a cooling sensation up to ten times more powerful than the best current commercial materials.

WO 2005/049553 A1