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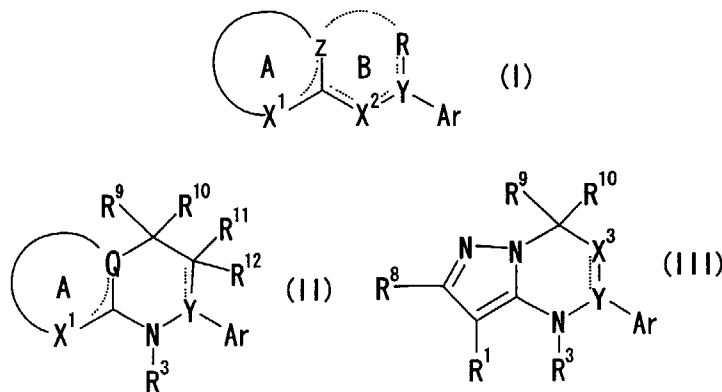
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(54) Title: CALCIUM RECEPTOR MODULATING COMPOUND AND USE THEREOF



(57) Abstract: There is provided a calcium receptor modulator comprising a compound of the formula (I): wherein ring A is an optionally substituted 5- to 7- membered ring; ring B is an optionally substituted 5- to 7- membered heterocyclic ring; X¹ is CR¹, CR¹R², N or NR¹³; X² is N or NR³; Y is C, CR⁴ or N, Z is CR⁵, CR⁵R⁶, N or NR⁷; Ar is an optionally substituted cyclic group; R is H, an optionally substituted hydrocarbon group, etc.; and --- is a single bond or a double bond; R¹, R², R³, R⁴, R⁵, R⁶, R⁷ and R¹³ are independently H, an optionally substituted hydrocarbon group; or a salt thereof or a prodrug thereof. Compounds of the formula (II) and (III): wherein ring A is an optionally substituted 5- to

7- membered ring; Q is C, CR⁵ or N; R⁸, R⁹, R¹⁰, R¹¹ and R¹² are independently, H, an optionally substituted hydrocarbon group, etc., or a salt thereof are also provided. Also specify X¹, R³, R¹, Y and X³ in formula (II) and (III) as before.