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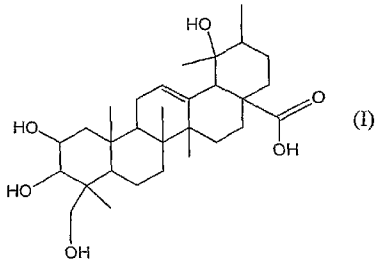
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(54) Title: PHARMACEUTICAL COMPOSITION AND METHOD FOR REGENERATING MYOFIBERS IN THE TREATMENT OF MUSCLE INJURIES



(I)

(57) Abstract: A pharmaceutical composition and method for regenerating cardiomyocytes in treating or repairing heart muscle damages or injuries caused by an ischemic disease. The pharmaceutical composition contains an active ingredient compound with a backbone structure of Formula (I). The active ingredient compound is capable of (a) increasing viability of myogenic precursor cells to enable said precursor cells to survive through an absolute ischemic period; (b) reconstituting a damaged blood supply network in said heart region where said injured muscle is located; and (c) enhancing cardiomyogenic differentiation efficiency of said precursor cells down cardiac linage, said steps being performed simultaneously or in any particular order.

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