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(54) Title: COMPOSITIONS AND METHODS FOR THE TREATMENT OF DIABETES AND PRE-DIABETES

(57) Abstract: The invention relates to the compositions of formula I or its pharmaceutical acceptable polymorphs, solvates, enantiomers, stereoisomers and hydrates thereof. The pharmaceutical compositions comprises a salt of metformin and the methods for treating or preventing metabolic syndrome, prediabetes and diabetes may be formulated for oral, buccal, rectal, topical, transdermal, transmucosal, intravenous, parenteral administration, syrup, or injection. Such compositions may be used to treatment of diabetes mellitus, obesity, lipid disorders, hypertriglyceridemia, hyperglycemia, hyperinsulinemia and insulin resistance.



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