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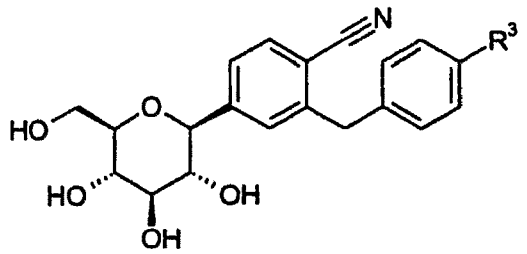
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**(54) Title:** GLUCOPYRANOSYL-SUBSTITUTED BENZONITRILE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS CONTAINING SUCH COMPOUNDS, THEIR USE AND PROCESS FOR THEIR MANUFACTURE




I

**(57) Abstract:** Glucopyranosyl-substituted benzonitrile derivative of formula (I) are disclosed, wherein $R^3$ denotes hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, propyl, isopropyl, butyl, sec-butyl, iso-butyl, tert-butyl, 3-methyl-but-1-yl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, difluoromethyl, trifluoromethyl, pentafluoroethyl, 2-hydroxyl-ethyl, hydroxymethyl, 3-hydroxy-propyl, 2-hydroxy-2-methyl-prop-1-yl, 3- hydroxy-3-methyl-but-1-yl, 1-hydroxy-1-methyl-ethyl, 2,2,2-trifluoro-1-hydroxy-1-methyl-ethyl, 2,2,2-trifluoro-1-hydroxy-1 -trifluoromethyl-ethyl, 2-methoxy-ethyl, 2-ethoxy-ethyl, hydroxy, methyloxy, ethyloxy, isopropyloxy, difluoromethyloxy, trifluoromethyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, (S)-tetrahydrofuran-3-yloxy, (R)-tetrahydrofuran-3-yloxy, tetrahydropyran-4-yloxy, 1-acetyl-piperidin-4-yloxy, 2-methyloxy-ethyloxy, methylsulfanyl, methylsulfinyl, methylsulfonyl, ethylsulfinyl, ethylsulfonyl, trimethylsilyl and cyano, or a derivative thereof wherein one or more hydroxyl groups of the β-D-glucopyranosyl group are acylated with groups selected from ($C_{1-18}$-alkyl)carbonyl, ($C_{1-18}$-alkyl)oxycarbonyl, phenylcarbonyl and phenyl-($C_{1-3}$-alkyl)-carbonyl; including tautomers, stereoisomers thereof or mixtures thereof; and physiologically acceptable salts thereof. The compounds according to the invention are suitable for the treatment of metabolic disorders.

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