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(54) Title: CRYSTALLINE FORMS VI AND VII OF ATORVASTATIN CALCIUM

(57) Abstract: The present invention relates to novel crystalline forms of atorvastatin calcium and to the methods of their production and isolation. More specifically, the present invention relates to novel Forms VI and VII of R-(R*, R*)]-2(4-fluorophenyl)-B, d dihydroxy-5(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1-H-pyrrole-1-heptanoic- acid calcium salt and hydrates thereof and to methods of their preparation.