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(54) Title: DOSING FORM FOR REAGENTS, USE OF SAID DOSING FORM IN ORGANIC CHEMICAL SYNTHESIS AND PRODUCTION OF SAID DOSING FORM

(57) Abstract: A dosing form for at least one solid reagent for use in conventional organic and inorganic synthesis, in parallel synthesis, and in split and mix synthesis in combinatorial chemistry is provided as compressed tablets each containing the same predetermined amount of said at least one reagent embedded in a polymer matrix comprising beads of a polymer insoluble in the solvents for the intended synthesis, which tablets are capable of disintegrating in said solvent for release of the at least one reagent and disperse the matrix as polymer beads into the solvent. The polymer beads forming the matrix and the reagents of the dosing form can easily be removed by filtration in order to separate these from a formed soluble product. In a method for producing the dosing form, beads of one or more polymers are mixed with the reagents and compressed into tablets after pre-treatment with an aprotic organic solvent.