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(54) Title: PRESERVING FUNCTIONALLY-COATED API PARTICLES PRODUCED BY SOLVENTLESS MIXING PROCESSES IN AQUEOUS SUSPENSION

(57) Abstract: Provided are pharmaceutical compositions and methods for preparing pharmaceutical compositions that preserve the coating of coated API particles in a pharmaceutical suspension. Pharmaceutical compositions include coated active pharmaceutical ingredient (API) particles comprising: an API particle; a first coating comprising one or more deformed components coating the API particle; a second coating comprising silica surrounding and/or partially or fully embedded into the first coating, a matrix former, and a structure former.