

Application of Electrospray Deposition for Preparing Functional Powders

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Many formulation technologies have been developed to overcome low-solubility problem of drug candidates. Herein introduced is the application of the electrospray technology as a new option. This method can produce solid amorphous nanoparticles in one-step. Moreover, it can be operated under ambient temperature condition. The coaxial nozzle was used to control surface characteristic of the particle. Dissolution rate of griseofulvin was significantly enhanced by coating the surface by Eudragit L-100.