Nanoparticulate and Controlled Release Compositions Comprising Cephalosporin

ABSTRACT

The present invention provides a composition comprising cephalosporin useful in the treatment and prevention of a bacterial infection. In one embodiment, the composition comprises nanoparticulate particles comprising cephalosporin and at least one surface stabilizer. The nanoparticulate particles have an effective average particle size of less than about 2000 nm. In another embodiment, the composition comprises a modified release composition that, upon administration to a patient, delivers cephalosporin in a bimodal, multimodal or continuous manner. The invention also relates to dosage forms containing such compositions, and to methods for the treatment and prevention of a bacterial infection.