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(54) Title: CYCLODEXTRIN-BASED POLYMERS FOR DELIVERING THE THERAPEUTIC AGENTS COVALENTLY BOUND THERETO

(57) Abstract: The present invention relates to novel compositions of therapeutic cyclodextrin containing polymeric compounds designed as a carrier for small molecule therapeutics delivery and pharmaceutical compositions thereof. In particular, the therapeutic/bioactive agents are covalently bound to the cyclodextrin-containing polymers. These cyclodextrin-containing polymers improve drug stability and solubility, and reduce toxicity of the small molecule therapeutic when used in vivo. Furthermore, by selecting from a variety of linker groups and targeting ligands the polymers present methods for controlled delivery of the therapeutic agents. The invention also relates to methods of treating subjects with the therapeutic compositions described herein. The invention further relates to methods for conducting pharmaceutical business comprising manufacturing, licensing, or distribution kits containing or relating to the polymeric compounds described herein.