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(54) Title: DRUG DELIVERY SYSTEMS COMPRISING WEAKLY BASIC DRUGS AND ORGANIC ACIDS

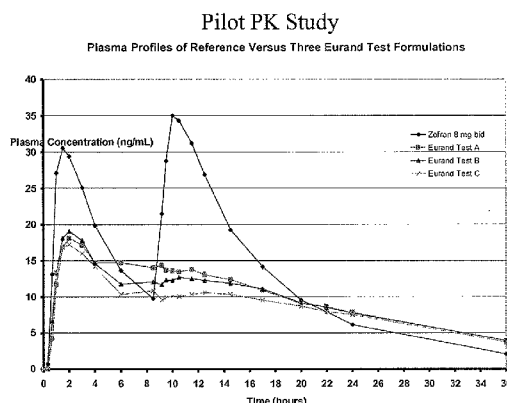


FIG. 6

(57) Abstract: The present invention is directed to pharmaceutical compositions, and methods of making such compositions, wherein the compositions comprise a plurality of TPR and RR particles, wherein: the TPR particles each comprise a core coated with a TPR layer; the core comprises a weakly basic, poorly soluble drug and a pharmaceutically acceptable organic acid separated from each other by an SR layer; the RR particles each comprise the weakly basic, poorly soluble drug, and release at least about 80 wt.% of the weakly basic, poorly soluble drug in about 5 minutes when dissolution tested using United States Pharmacopoeia (USP) dissolution methodology (Apparatus 2 - paddles@ 50 RPM and a two-stage dissolution medium at 37°C (first 2 hours in 0.1N HCl followed by testing in a buffer at pH 6.8).