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(54) Title: STABLE FORMULATIONS OF SHR0302

ARQ250 Conc vs. pH in Phosphate Buffer

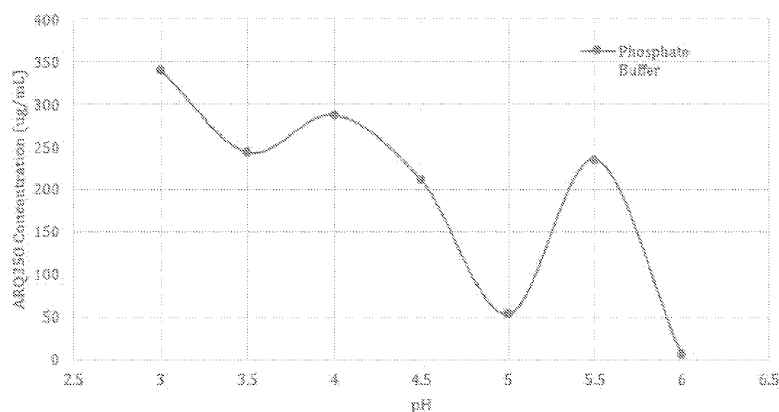


FIG. 1

(57) Abstract: The disclosure relates to stable topical pharmaceutical compositions of SHR0302 (also known as ARQ-250). In certain embodiments, pharmaceutical compositions of SHR0302 having a pH of less than about 4.6 have improved stability and do not exhibit crystal formation of the API. In certain embodiments, pharmaceutical compositions of SHR0302 comprising about 20% to about 30% dimethyl sulfoxide (DMSO) have improved stability and do not exhibit crystal formation of the API. The improved formulations of SHR0302 can exhibit acceptable commercial product shelf life and do not exhibit loss of potency of the API after prolonged storage.

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