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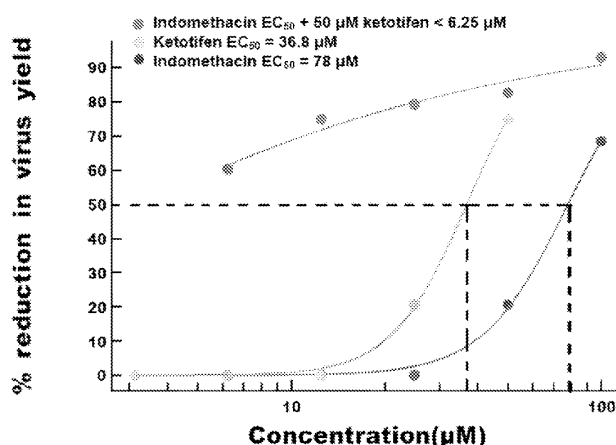
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(54) Title: COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASE ASSOCIATED WITH BETA CORONAVIRUS INFECTION

FIG. 3



(57) Abstract: The present disclosure relates to methods and compositions for treating or preventing a beta-coronavirus infection, or for inhibiting symptoms of a disease caused by a beta coronavirus infection in a subject, including SARS-CoV-2 and COVID-19. In various embodiments, the composition and methods involve a combination of a non-steroidal anti-inflammatory drug (NSAID) and ketotifen. In exemplary embodiments, naproxen and/or indomethacin are combined with ketotifen for therapy in a single unit dose or separate compositions, and the combination is surprisingly and unexpectedly effective to reduce SARS-CoV-2 viral load and treat COVID-19.

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