

Supplementary materials

Extemporaneous preparation of 2 mg/mL ganciclovir in artificial tears in comparison with sterile water for ophthalmic administration: Formulation and stability study

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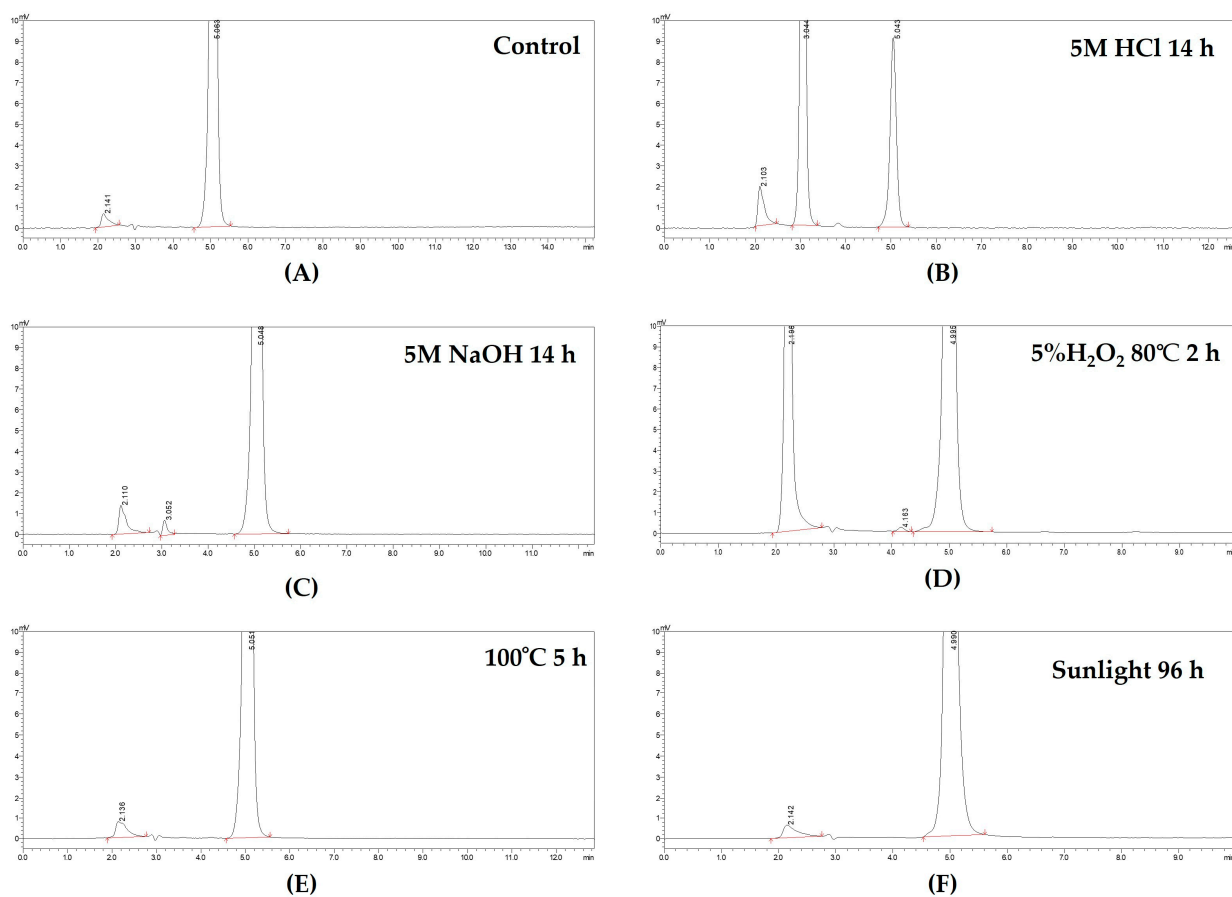


Figure S1. Enlarged views of HPLC chromatograms of ganciclovir standard after being subjected to the stress conditions. (A) control; (B) acid hydrolysis; (C) base hydrolysis; (D) oxidation; (E) heat degradation and (F) photolytic decomposition.

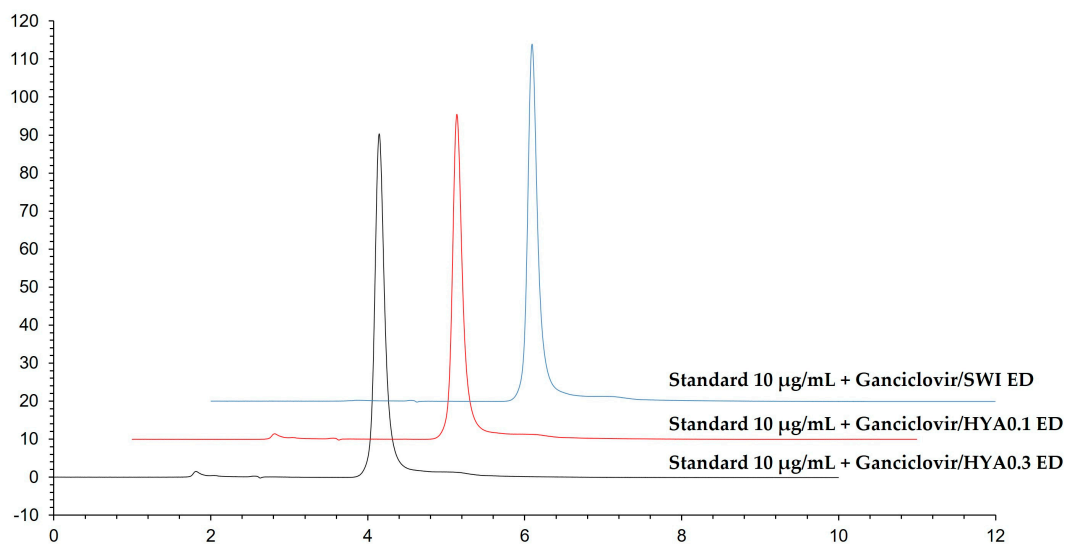


Figure S2. HPLC chromatograms of ganciclovir after extraction of the spiked drug from ganciclovir/SWI, ganciclovir/HYA0.1, and ganciclovir/HYA0.3 EDs.

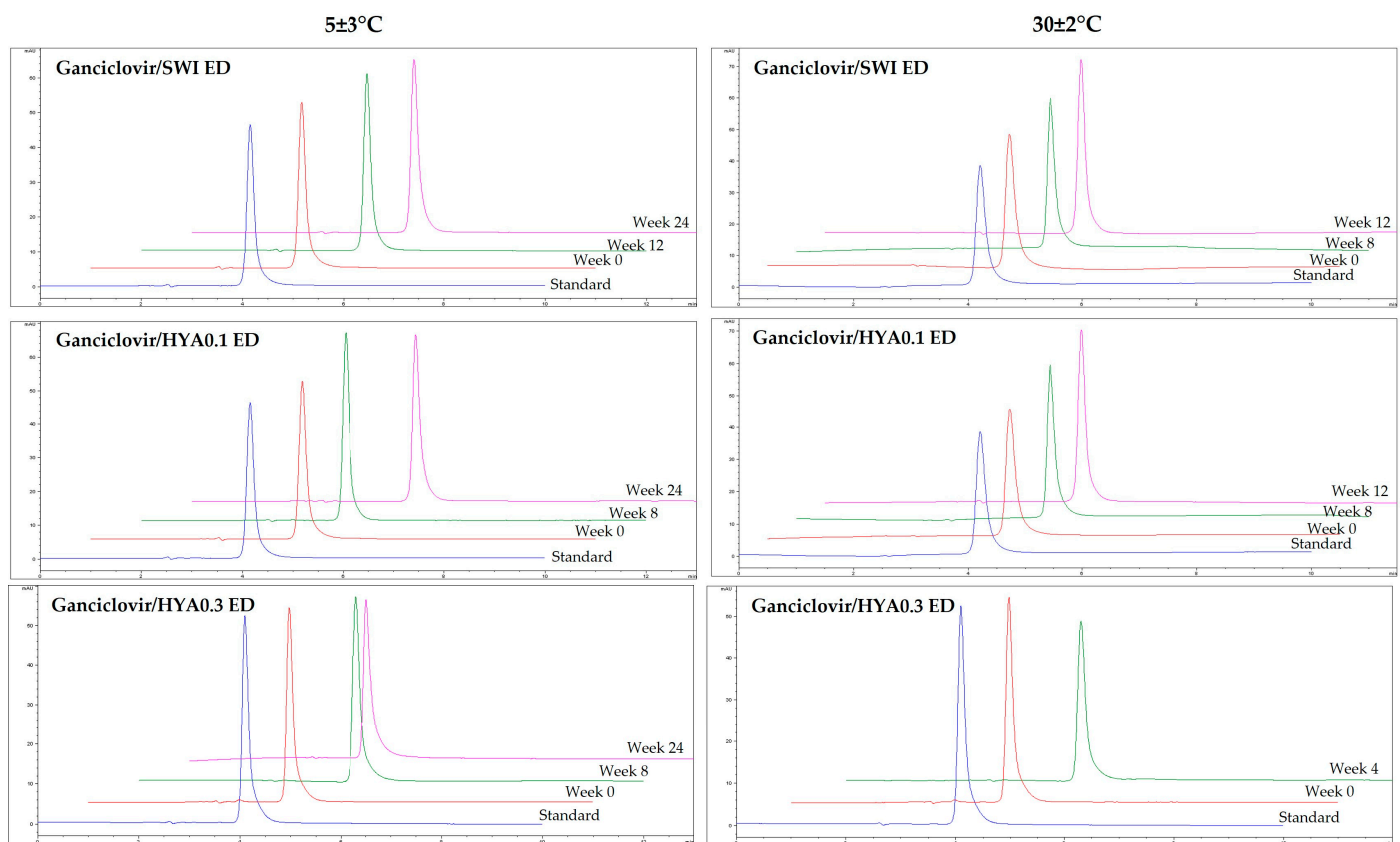


Figure S3. HPLC chromatograms of ganciclovir standard, ganciclovir/SWI ED, ganciclovir/HYA0.1 ED, and ganciclovir/HYA0.3 ED at the initial time (week 0), their shelf life (weeks 8 and 12), and the end of the study (weeks 24 and 12) when stored at $5 \pm 3^\circ\text{C}$ (left panel) and at $30 \pm 2^\circ\text{C}$ (right panel).