

Article

Structure elucidation of alkali degradation impurity of Favipiravir from the oral suspension: UPLC-TQ-ESI-MS/MS and NMR

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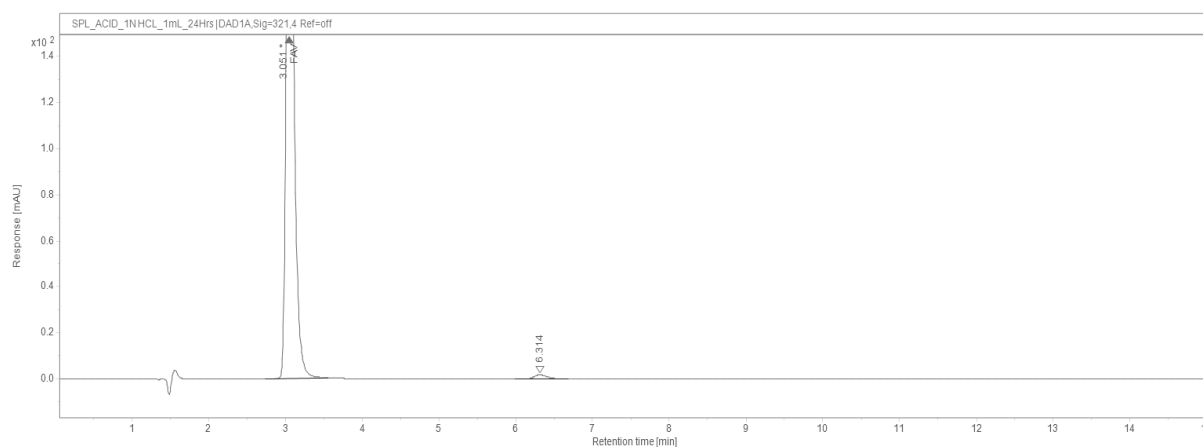


Figure S1: Acid Degradation Sample (1N HCl_1mL_24h)

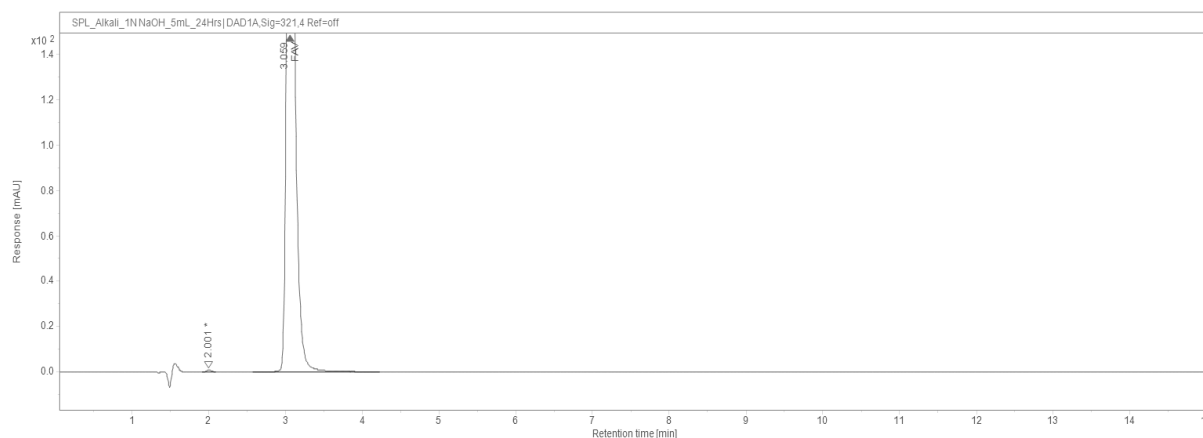


Figure S2: Alkali Degradation Sample (1N NaOH_5mL_24h)

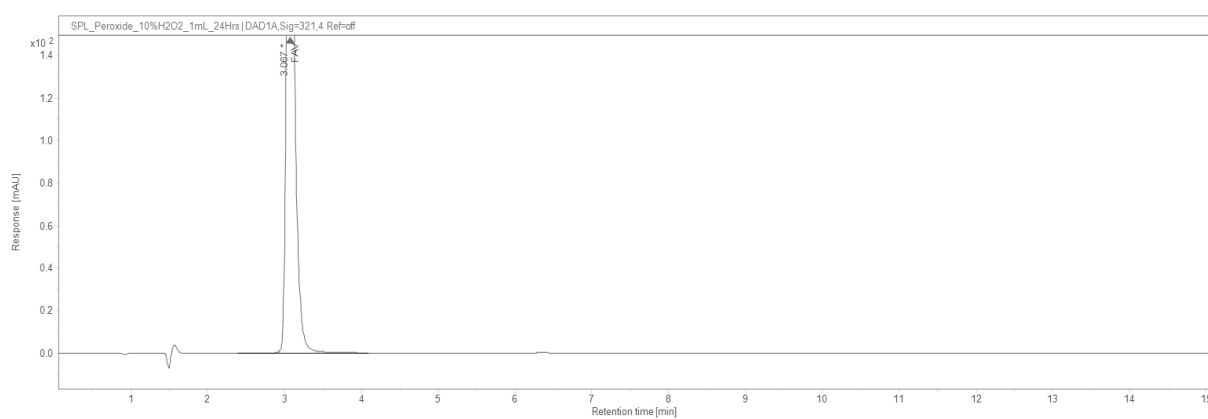
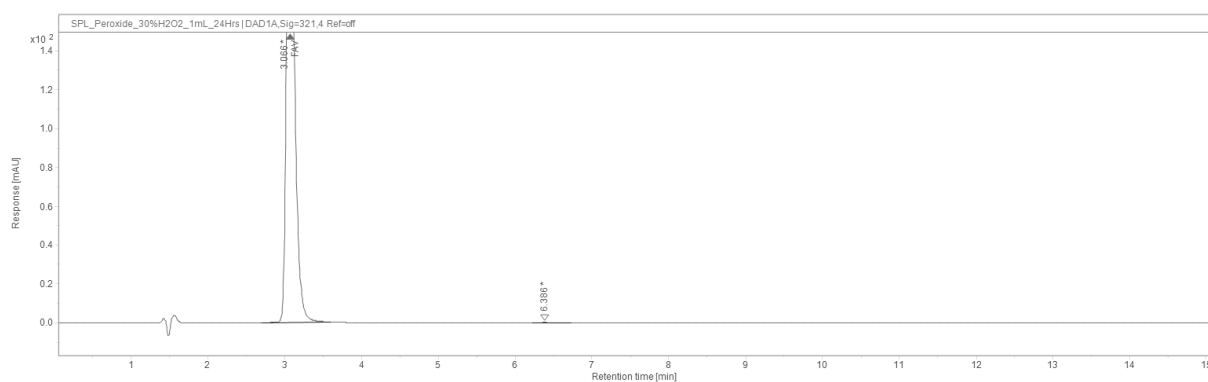
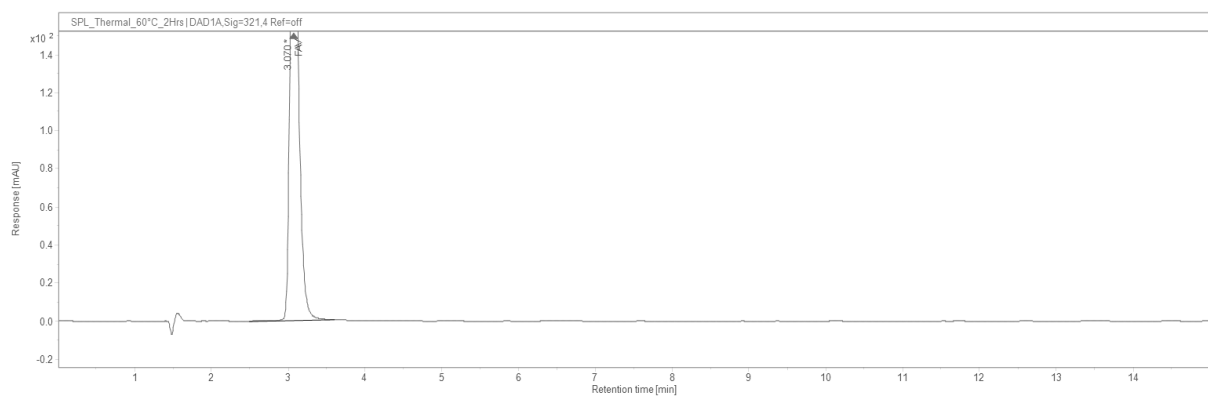
Figure S3: Peroxide Degradation Sample (10% H_2O_2 _1mL_24h)Figure S4: Peroxide Degradation Sample (30% H_2O_2 _1mL_24h)

Figure S5: Thermal Degradation Sample (60°C_2h)

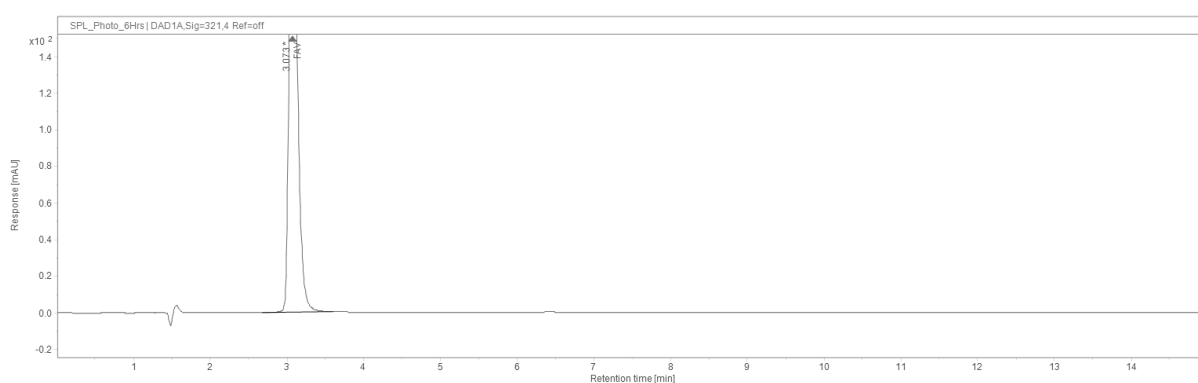


Figure S6: Photolytic Degradation Sample (UV chamber at 254nm, 6h)

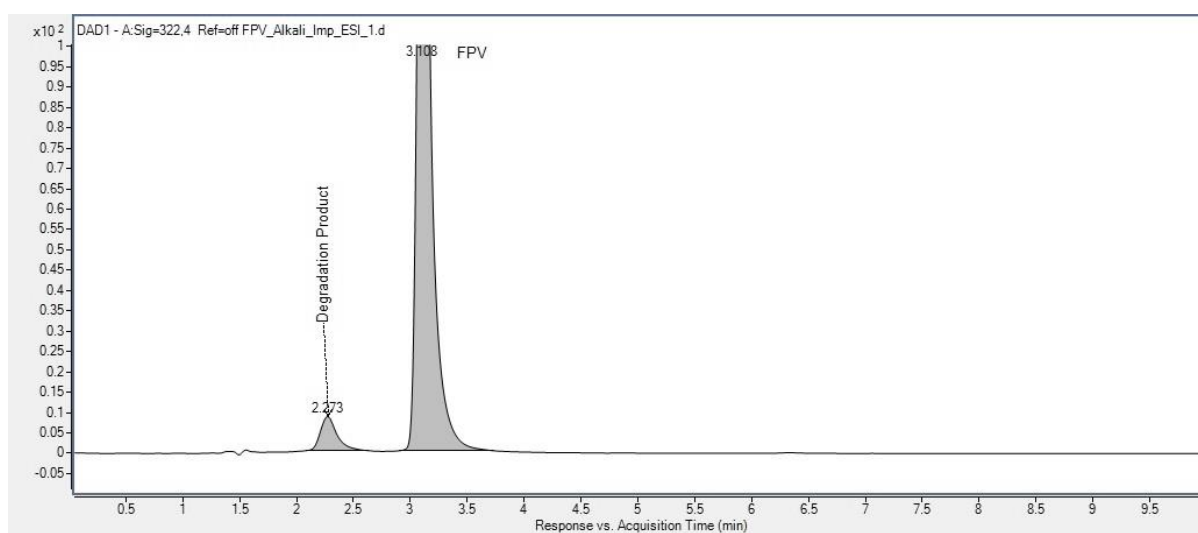


Figure S7: UPLC-DAD chromatogram of alkali hydrolysis sample (Intermediate Precision)

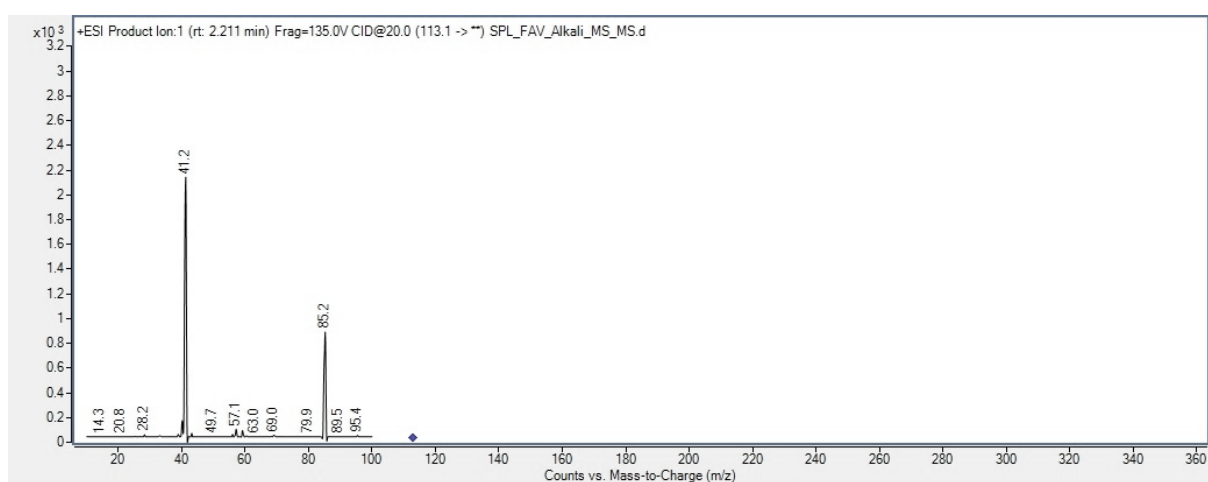


Figure S8: MS/MS Product ion scan of alkali degradation product (Positive ion mode)

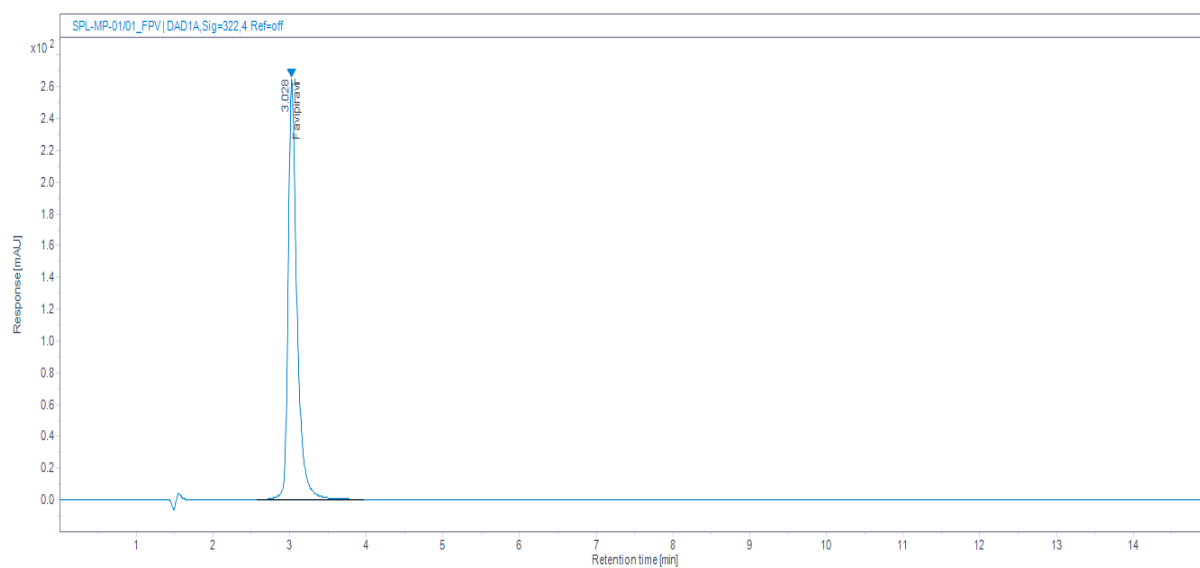


Figure S9: Chromatogram of Favipiravir sample solution

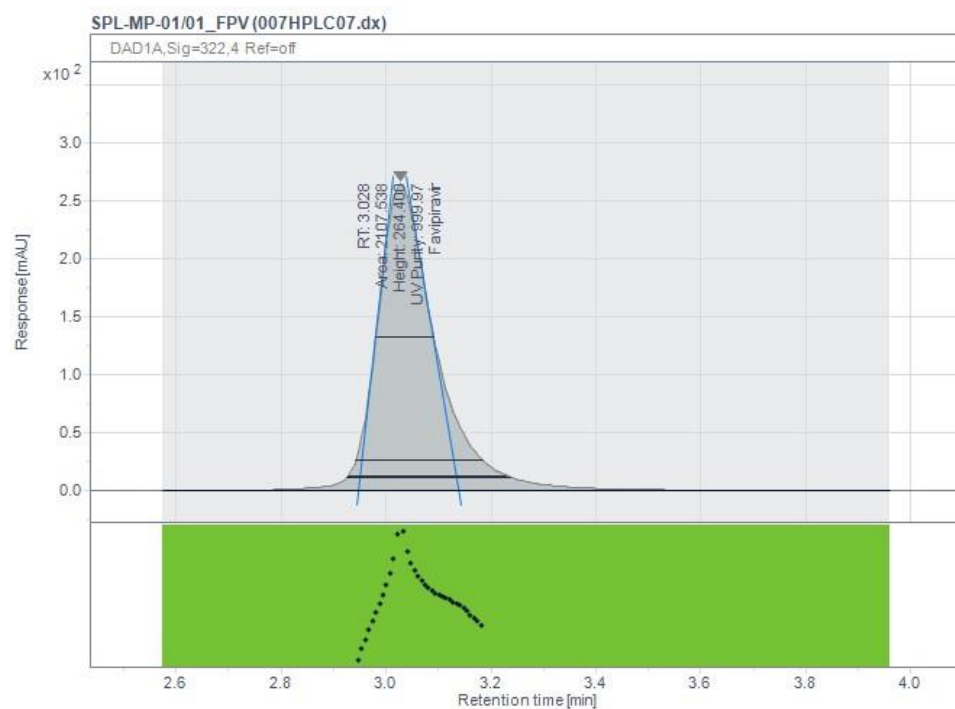


Figure S10: Peak Purity spectra of favipiravir peak from sample solution