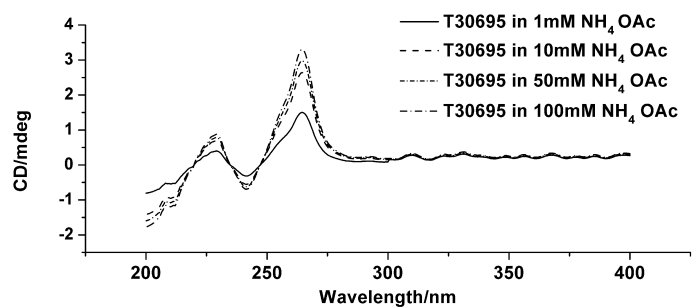


Electronic Supplementary Information

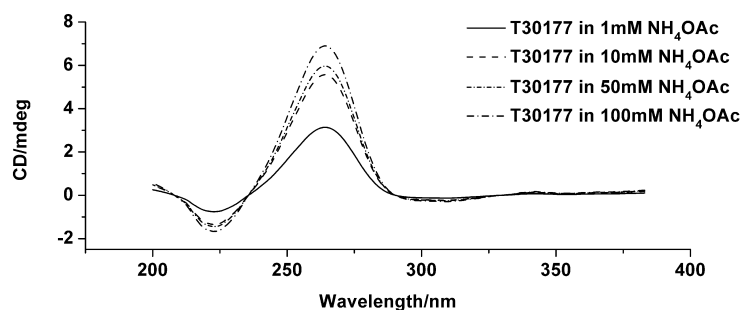
Application of Electrospray Ionization Mass Spectrometry for the Evaluation of Alkaloids Binding to G-quadruplex of HIV-1 Integrase Inhibitors

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a



b

Fig. S1 CD spectra of T30695 (a) and T30177 (b) in different concentrations of NH₄OAc buffer

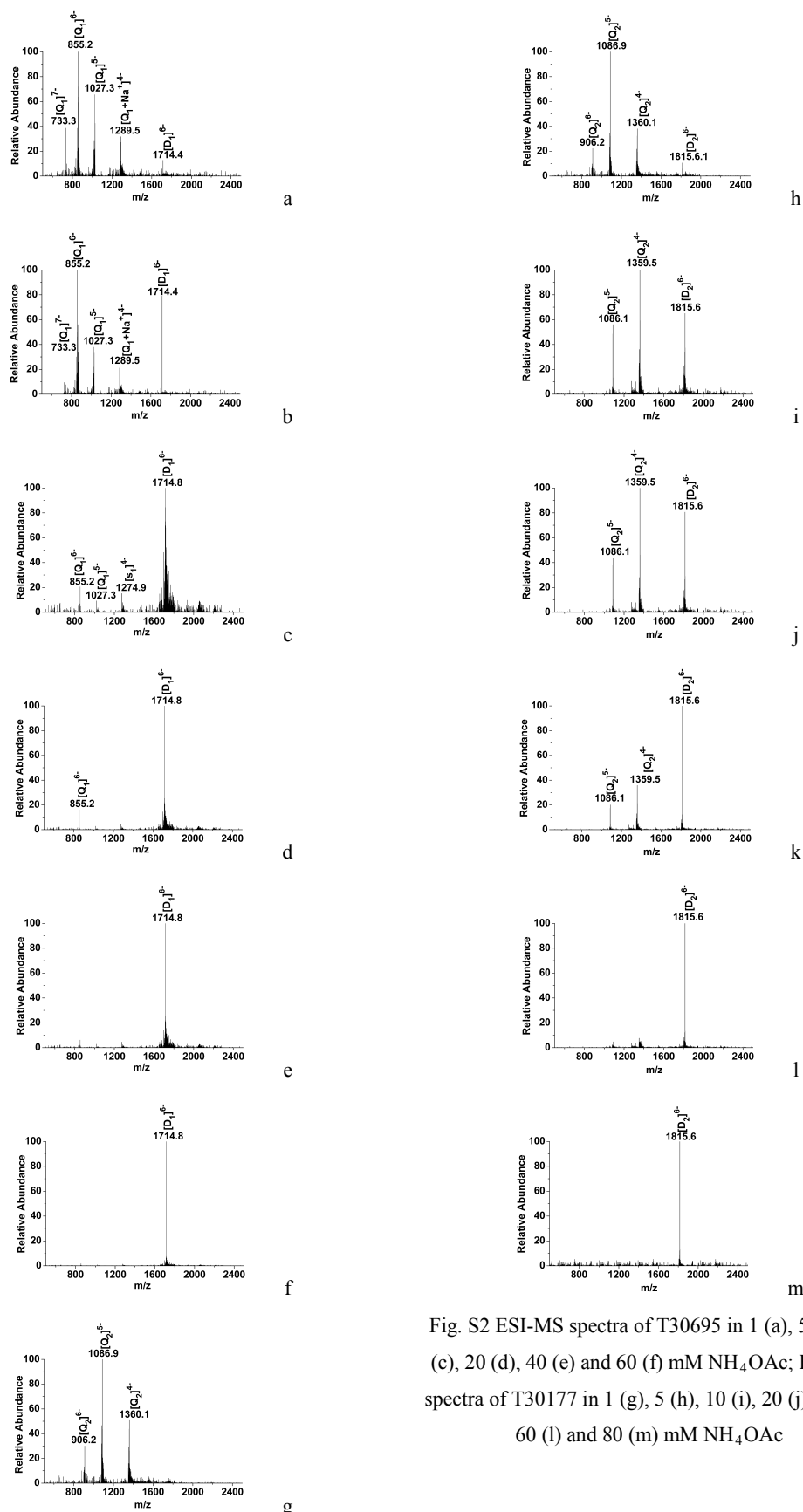
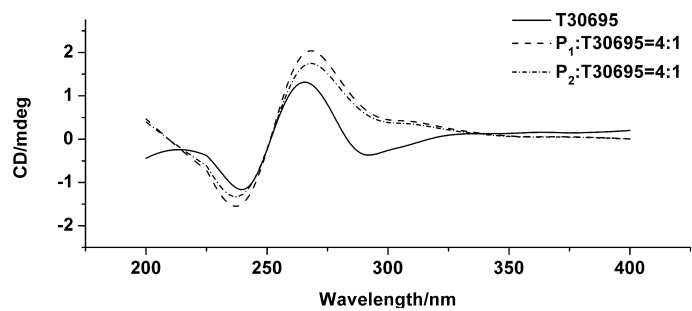
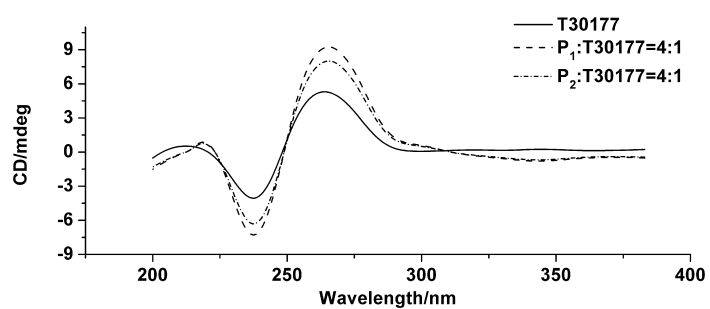


Fig. S2 ESI-MS spectra of T30695 in 1 (a), 5 (b), 10 (c), 20 (d), 40 (e) and 60 (f) mM NH_4OAc ; ESI-MS spectra of T30177 in 1 (g), 5 (h), 10 (i), 20 (j), 40 (k), 60 (l) and 80 (m) mM NH_4OAc



a



b

Fig. S3 CD spectra of P₁ and P₂ with T30695 (a) and T30177 (b) at a molar ratio of 4:1 in the absence of NH₄⁺