

Supplementary Materials

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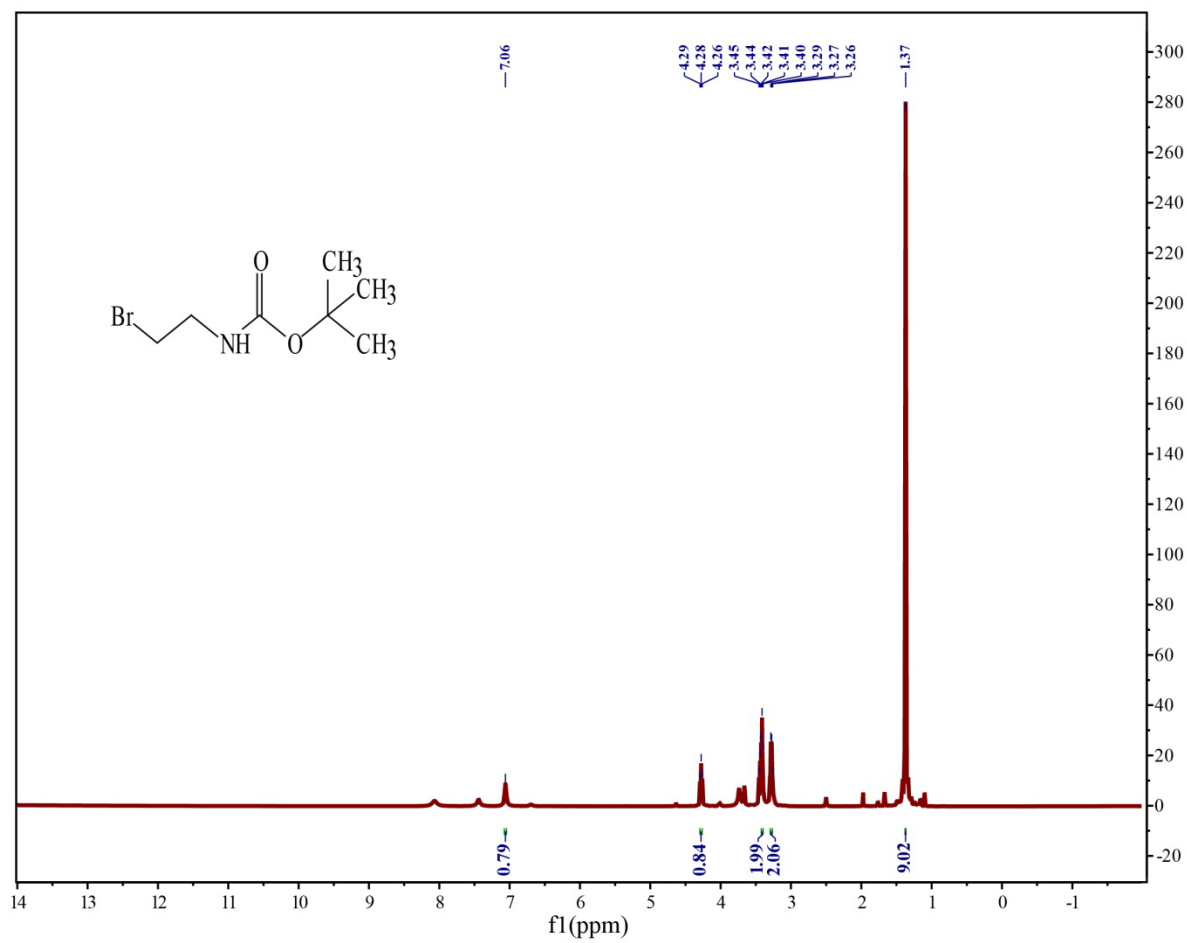


Figure S1. ¹H NMR spectrum of *tert*-Butyl 2-bromoethylcarbamate (Compound 1).

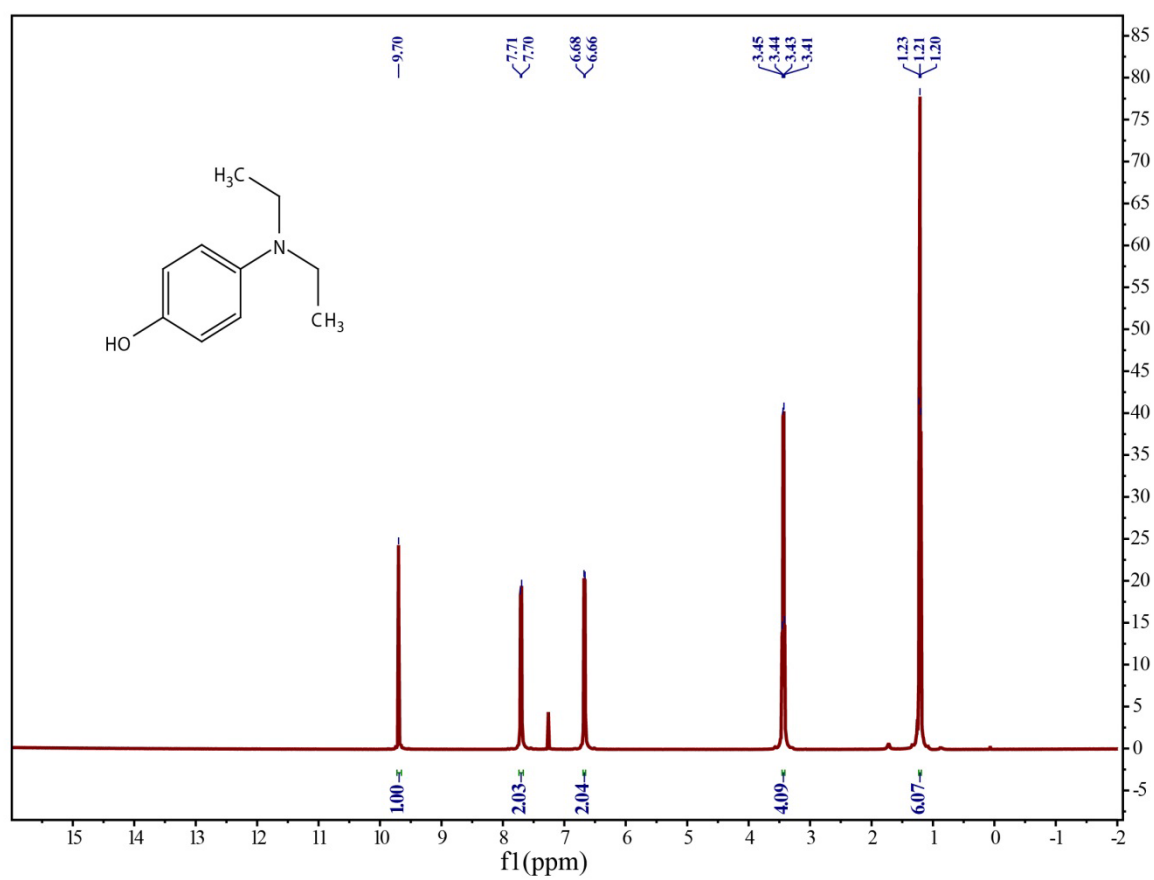


Figure S2. ¹H NMR spectrum of Para-diethylaminobenzaldehyde (Compound 2).

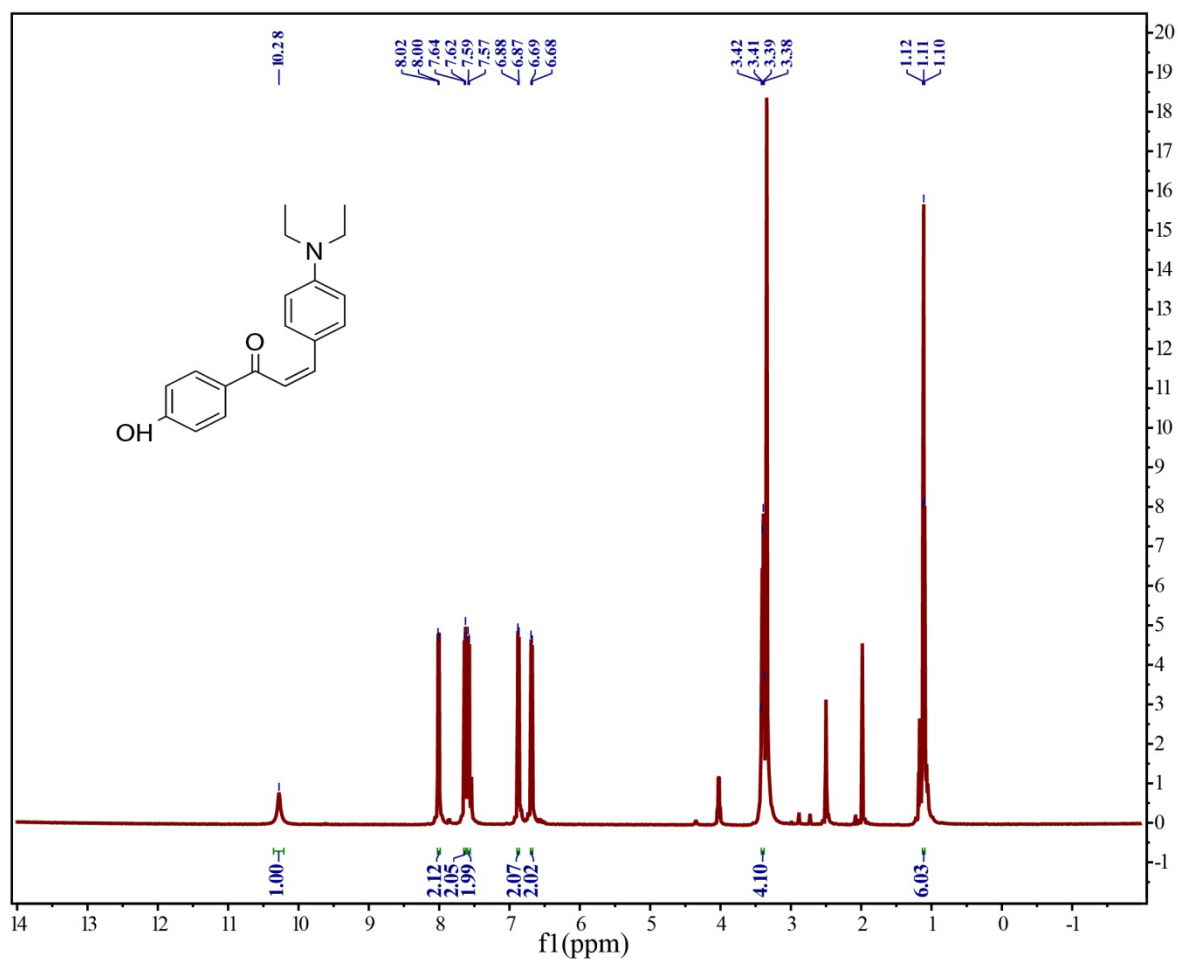


Figure S3. ¹H NMR spectrum of (Z)-3-(4-(diethylamino)phenyl)-1-(4-hydroxyphenyl) prop-2-en-1-one (Compound 3).

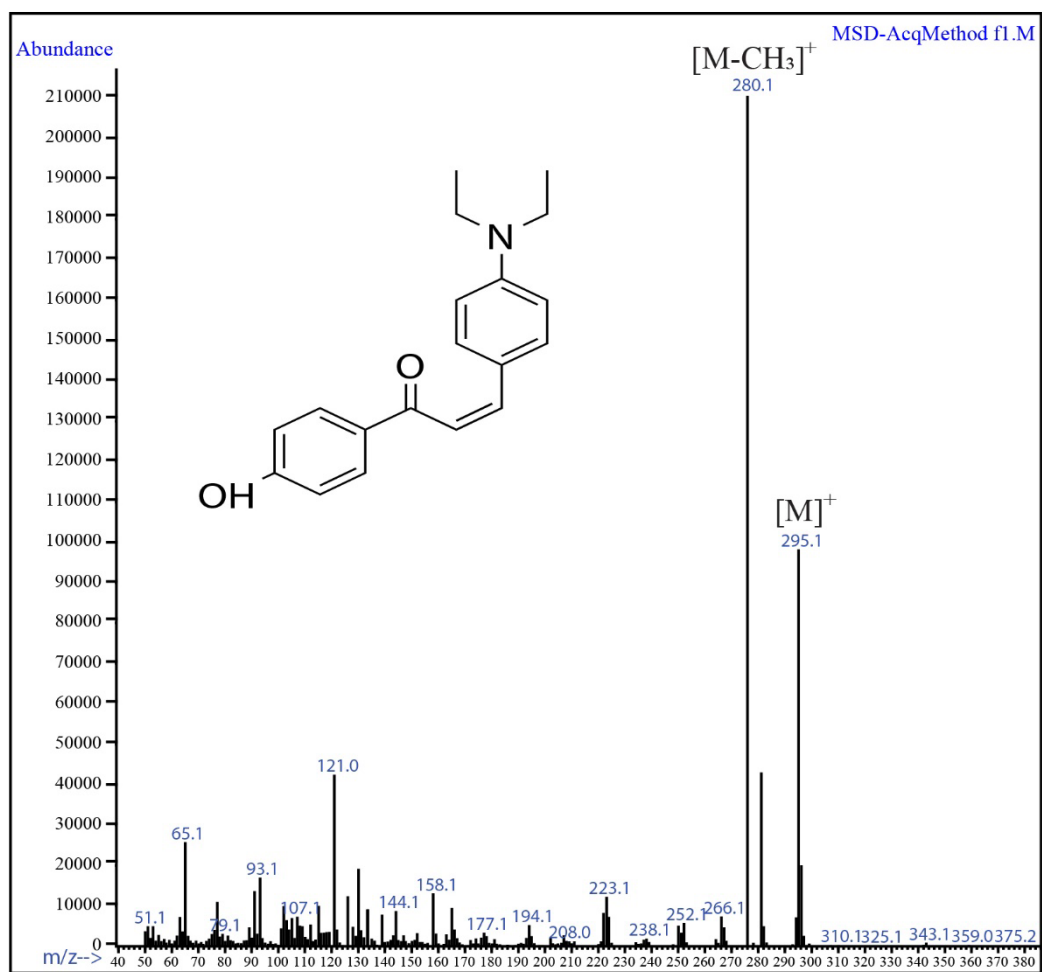


Figure S4. MS-EI spectrum of (Z)-3-(4-(diethylamino)phenyl)-1-(4-hydroxyphenyl) prop-2-en-1-one (Compound 3).

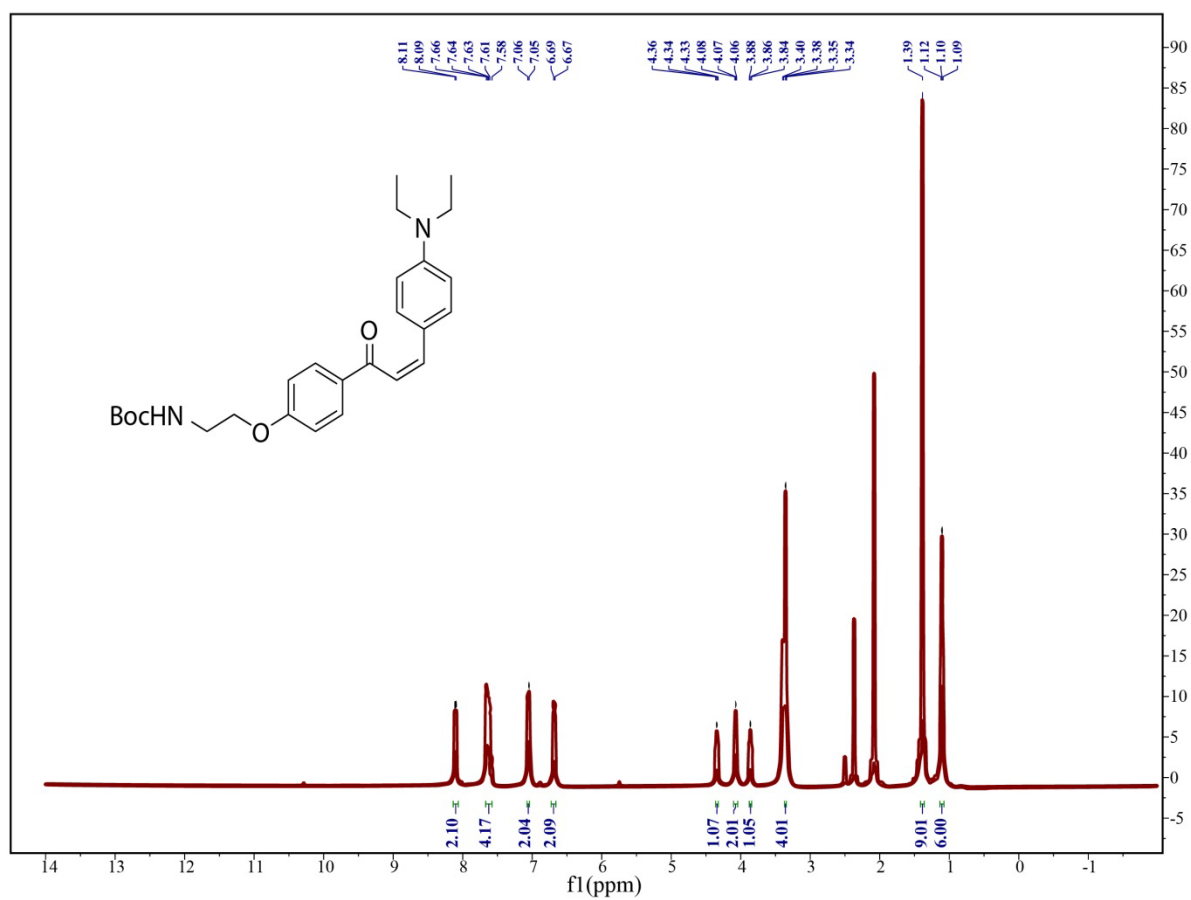


Figure S5. ^1H NMR spectrum (Z)-tert-butyl-2-(4-(3-(4-(diethylamino)phenyl)acryloyl)-phenoxy)ethyl carbamate (Compound 4).

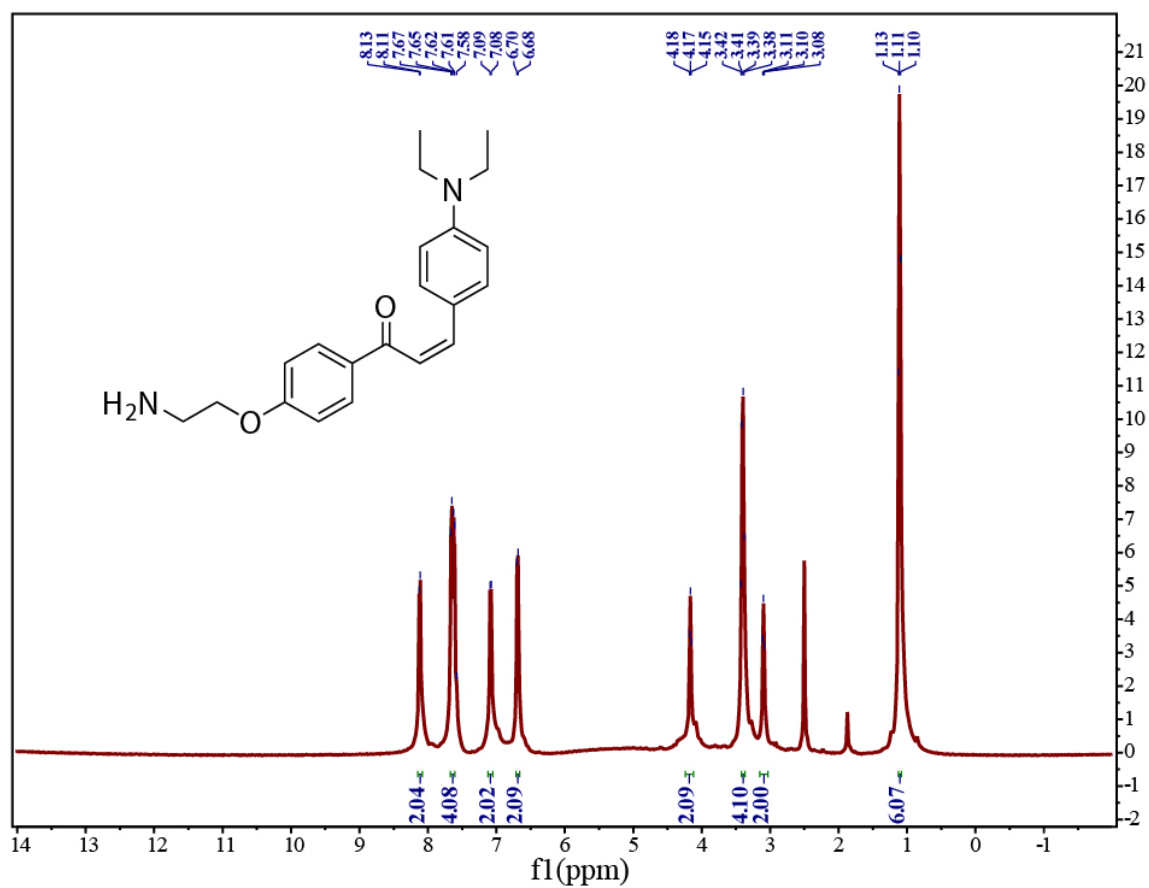


Figure S6. ¹H NMR spectrum (Z)-1-(4-(2-aminoethoxy) phenyl)-3-(4-(diethylamino) phenyl) prop-2-en-1-one (Compound 5).

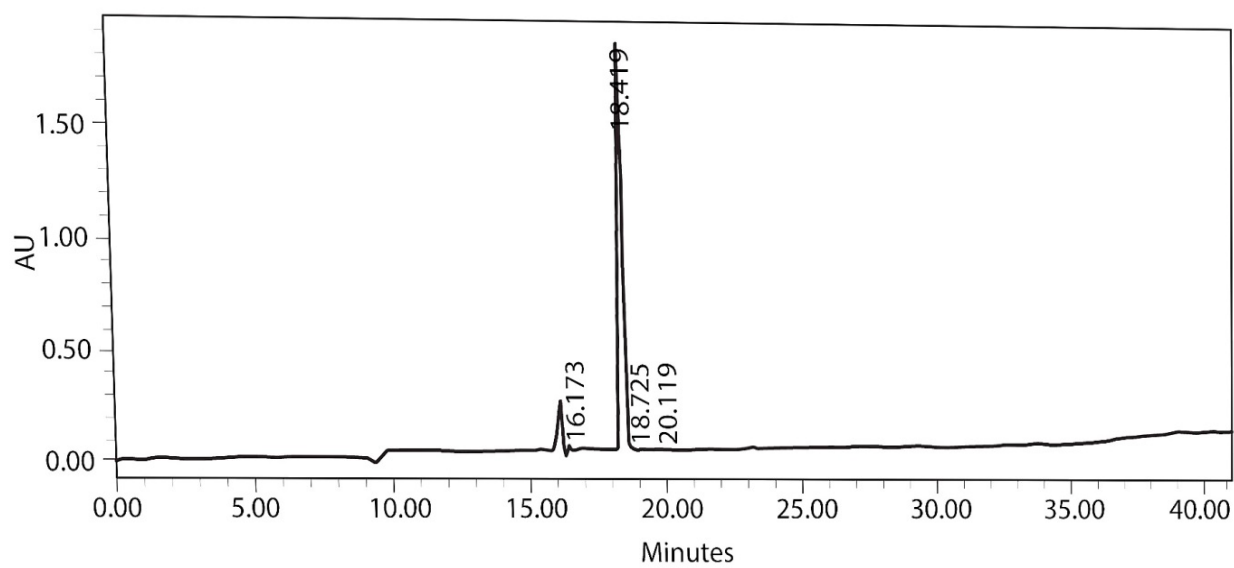


Figure S7. HPLC profile of DTPA[Ch-DE]₂ (Compound 6).

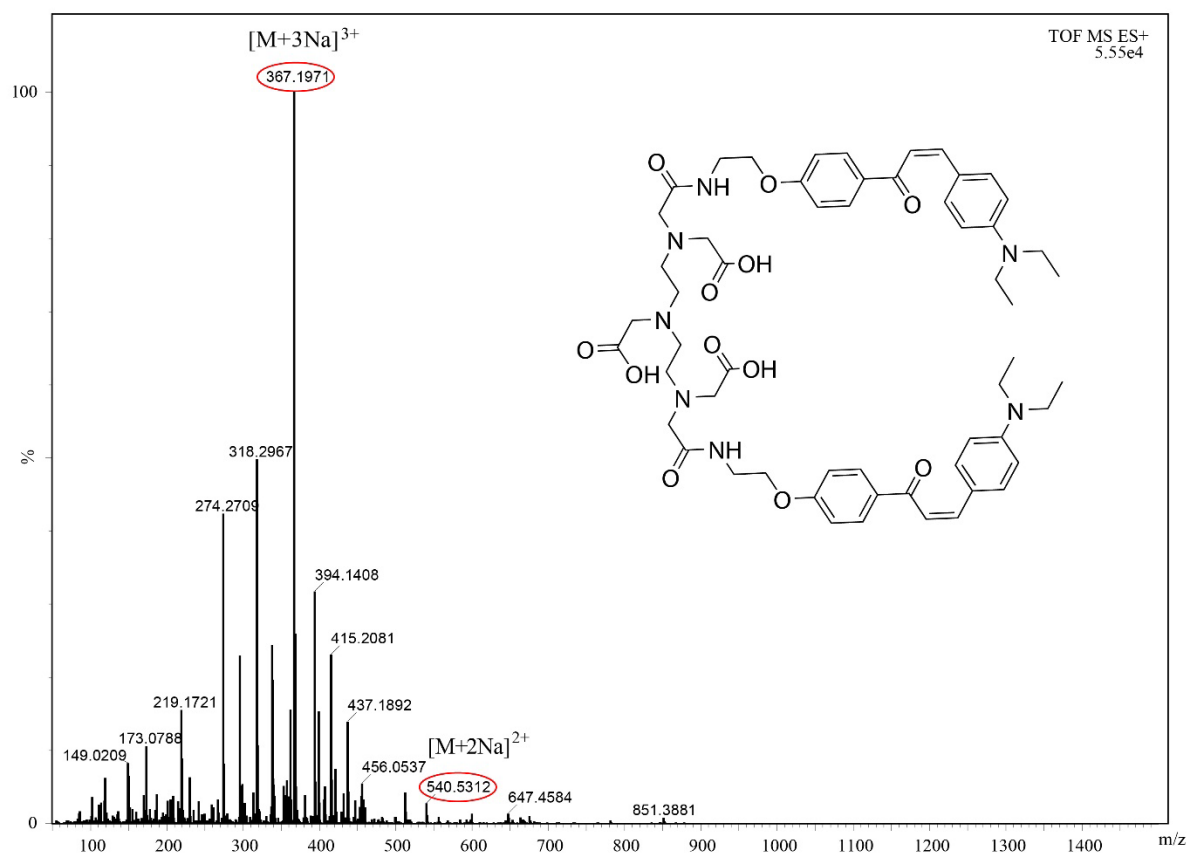


Figure S8. Mass spectrum of DTPA[Ch-DE]₂ (Compound 6).

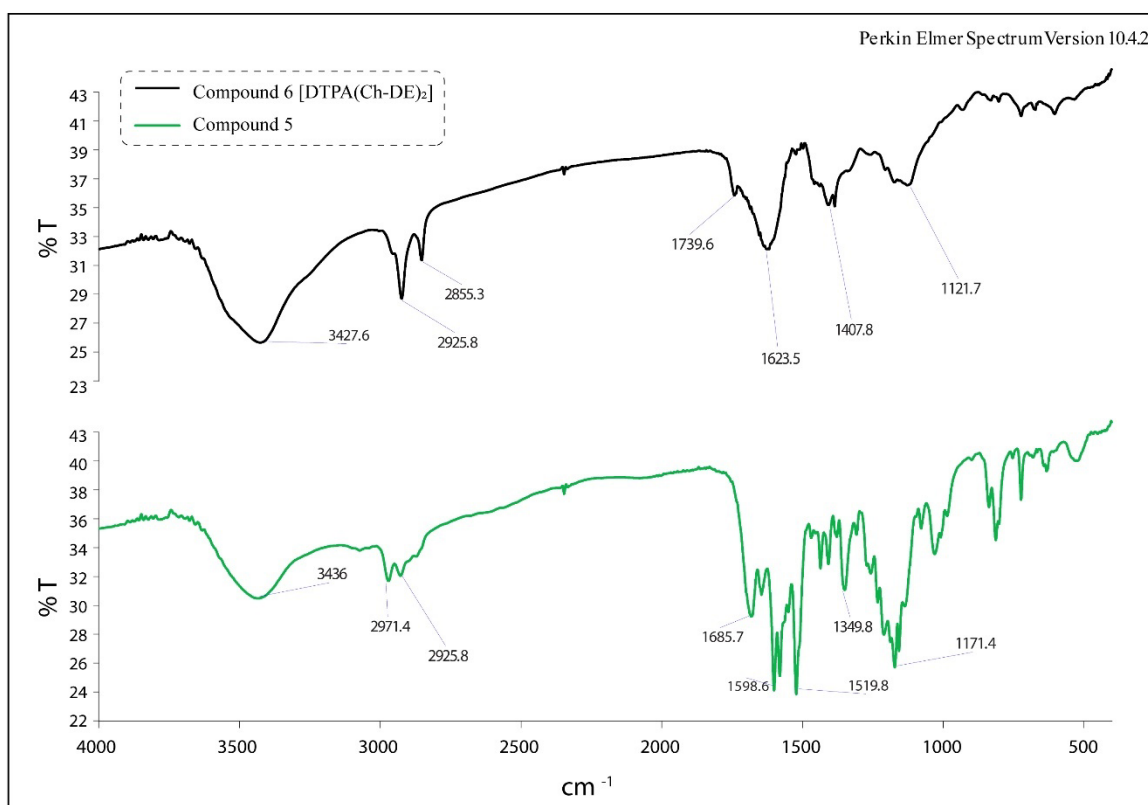


Figure S9. FT-IR spectrum of (Z)-1-(4-(2-aminoethoxy) phenyl)-3-(4-(diethylamino) phenyl) prop-2-en-1-one (Compound 5), and DTPA[Ch-DE]₂ (Compound 6).