Supplementary information for:

Nontrivial spectral band progressions in electronic circular dichroism spectra of carbohelicenes revealed by linear response calculations

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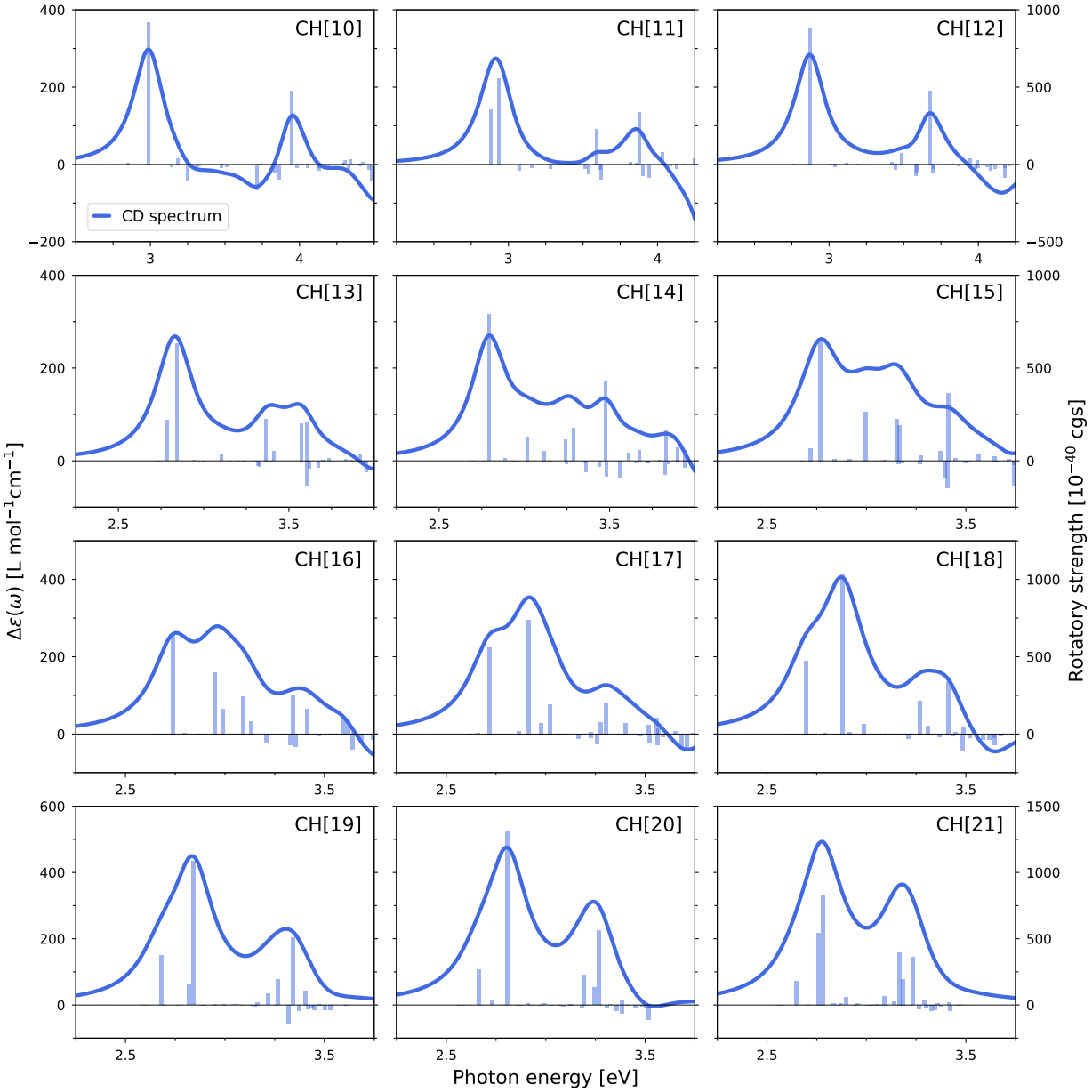
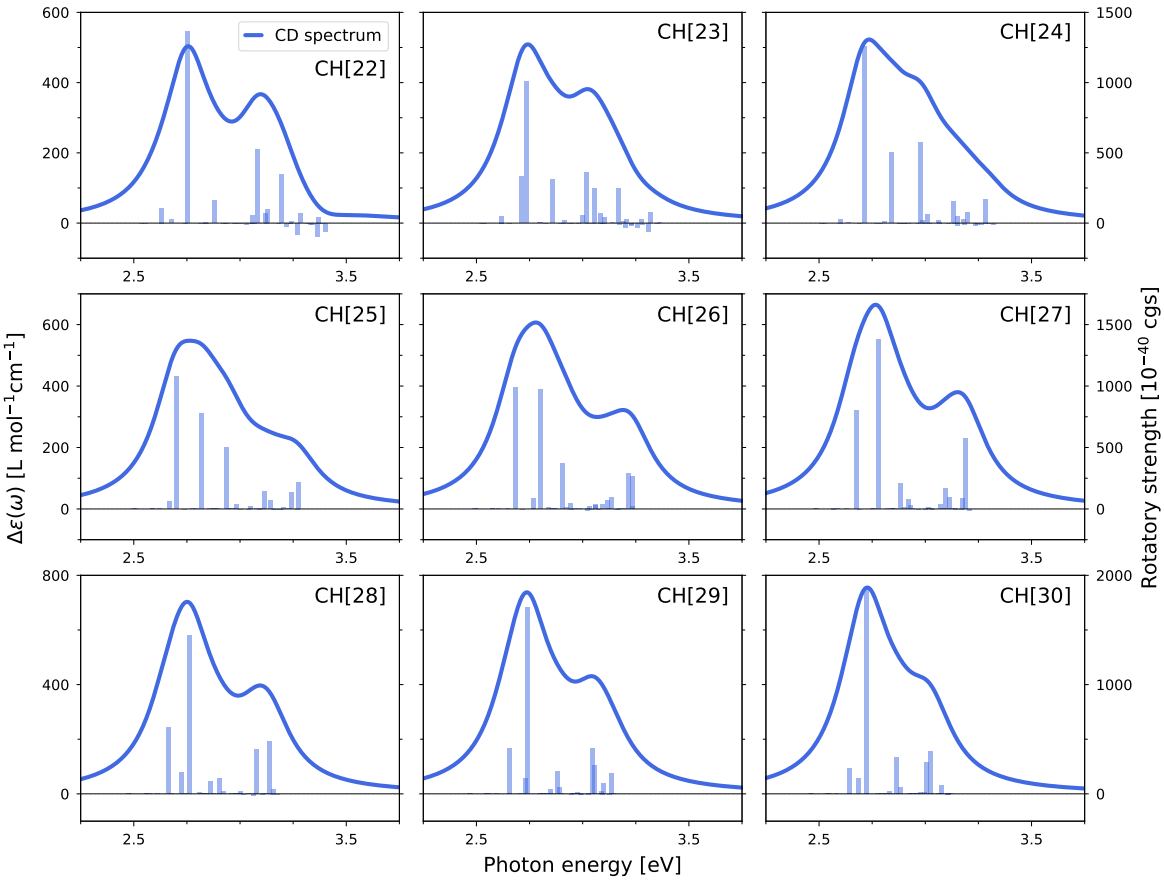
CALCULATED CD SPECTRA

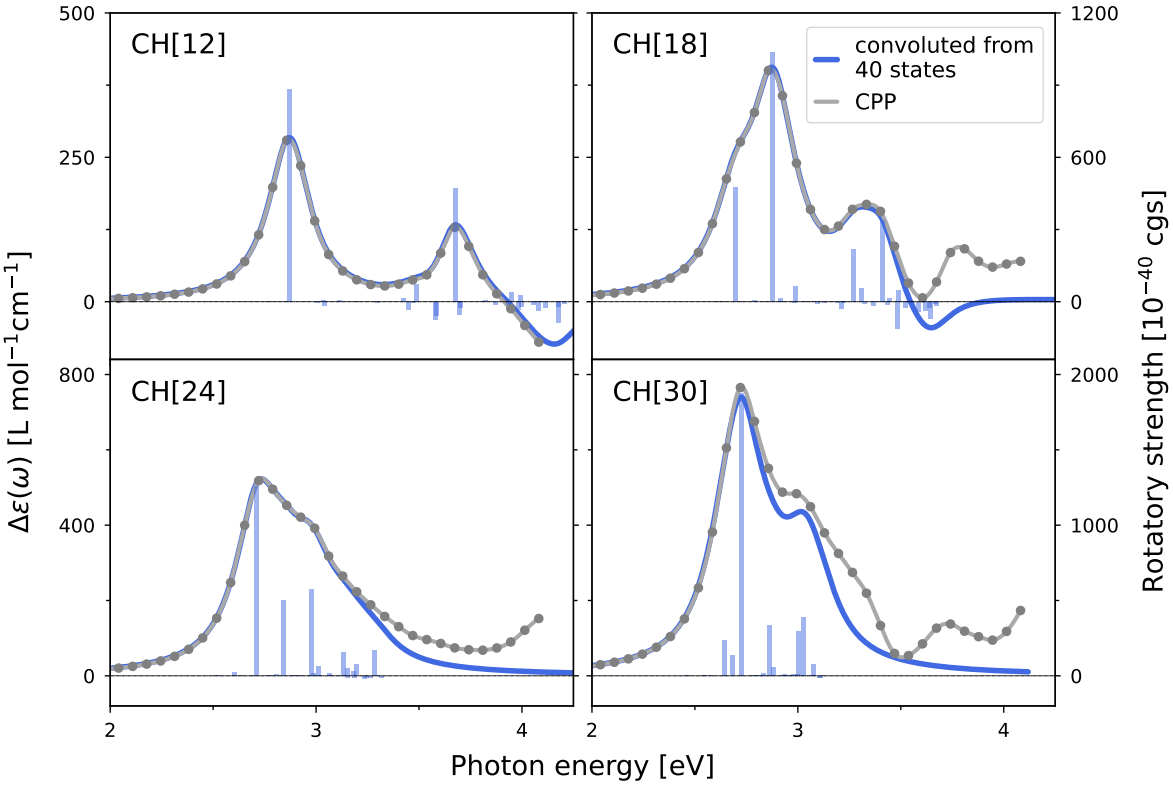


S1. CD spectra of CH[10]-CH[21]. Bars indicate the rotatory strengths of the lowest 40 excited states.



S2. CD spectra of CH[22]-CH[30]. Bars indicate the rotatory strengths of the lowest 40 excited states.

COMPARISON WITH CPP APPROACH



S3. Comparison between spectra obtained by broadening of 40 excited states and the CPP approach for selected carbohelicenes. The CPP response functions were evaluated between 1.9 and 4.0 eV in steps of 0.7 eV.