

Supporting Information
for
Conformational Analysis of Poly(propionaldehyde azine) in
Dilute Solution

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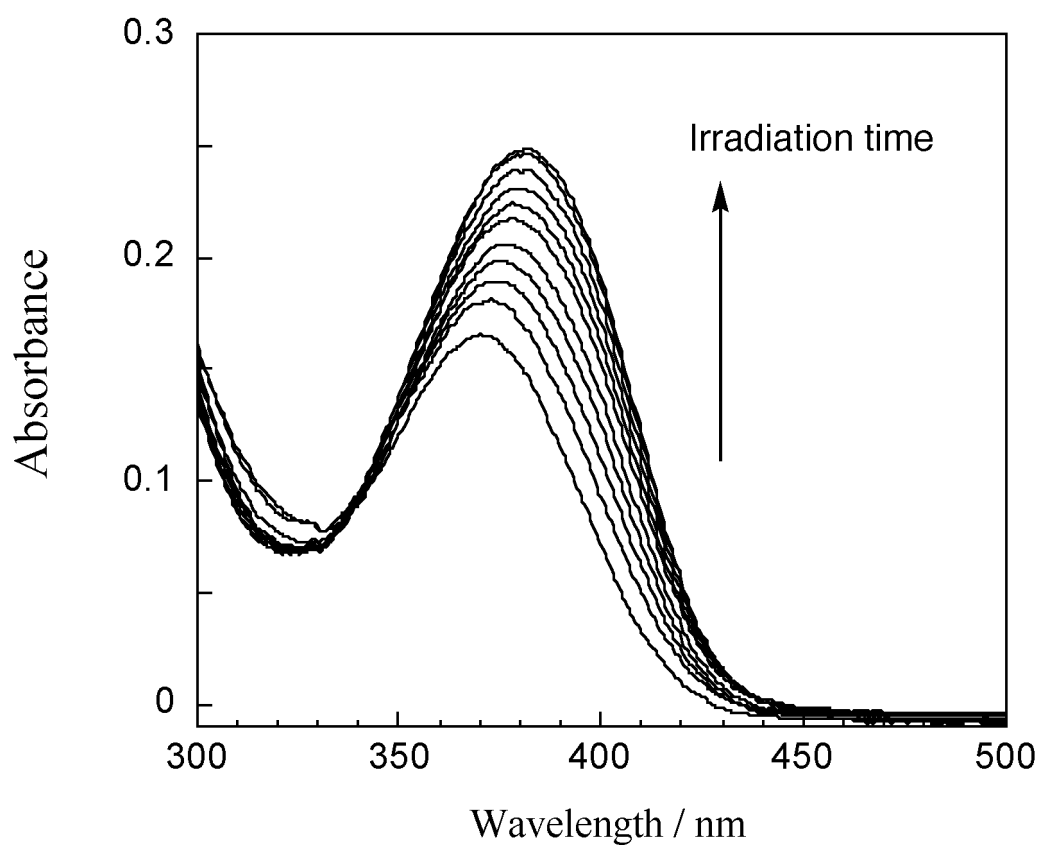


Figure S1. Time evolution of the absorption spectrum for pPrAz upon photoirradiation.

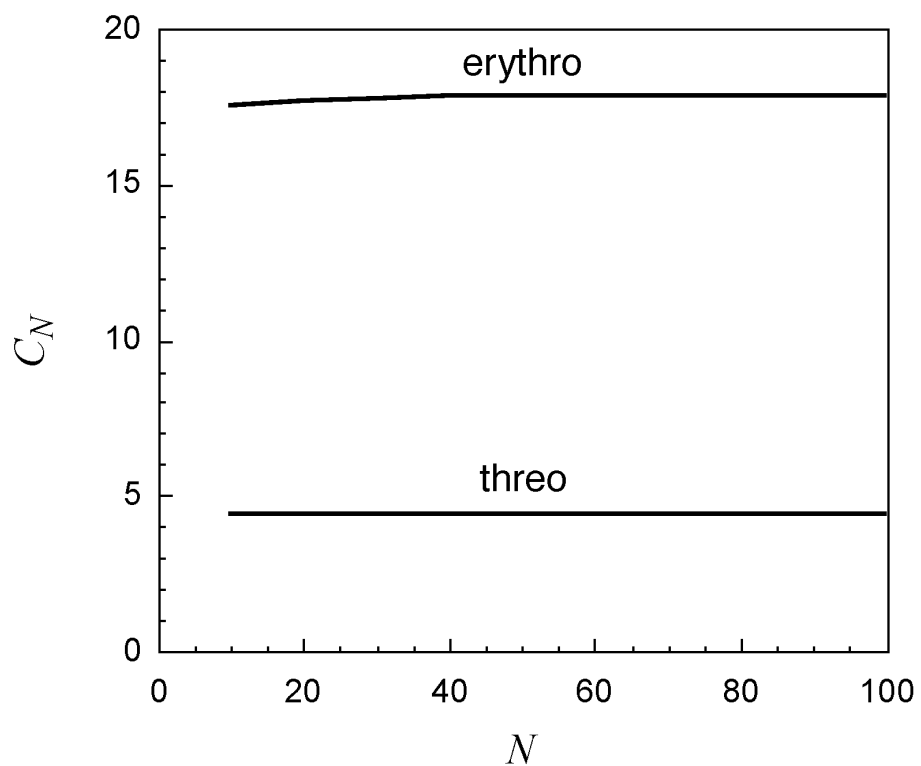


Figure S2. The characteristic ratio C_N as a function of the degree of polymerization N for the erythro- and threo-*trans*-pPrAz units at fixed $\alpha = 0.96$, $\beta = 0.24$, $\sigma = 0.5$, and $\gamma = 0.3$.

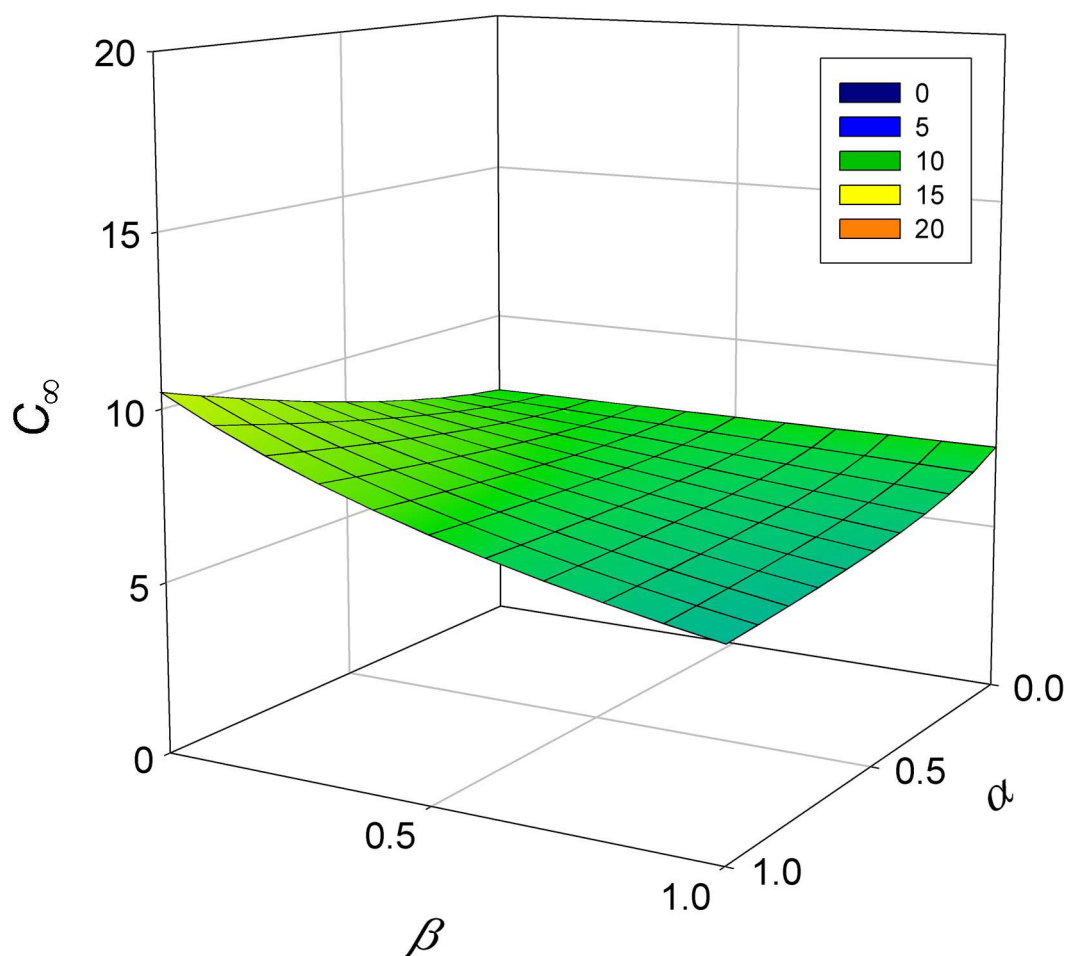


Figure S3. The characteristic ratio C_∞ at infinite N calculated by eq A7 for *trans*-pPrAz as a function of α and β at fixed $\sigma = 0.5$ and $\gamma = 0.3$.