

SUPPLEMENTARY INFORMATION

High response photochromic films based on D-A diarylethenes and their application in holography

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Figure S1. ¹H-NMR spectrum of NtAm

Figure S2. ¹³C-NMR spectrum of NtAm

Figure S3. Mass spectrum of NtAm

Figure S4. IR Spectra of the NtAm and TrfAm calculated and experimental

Figure S5. Trend of the complex refractive index for NtAm and TrfAm

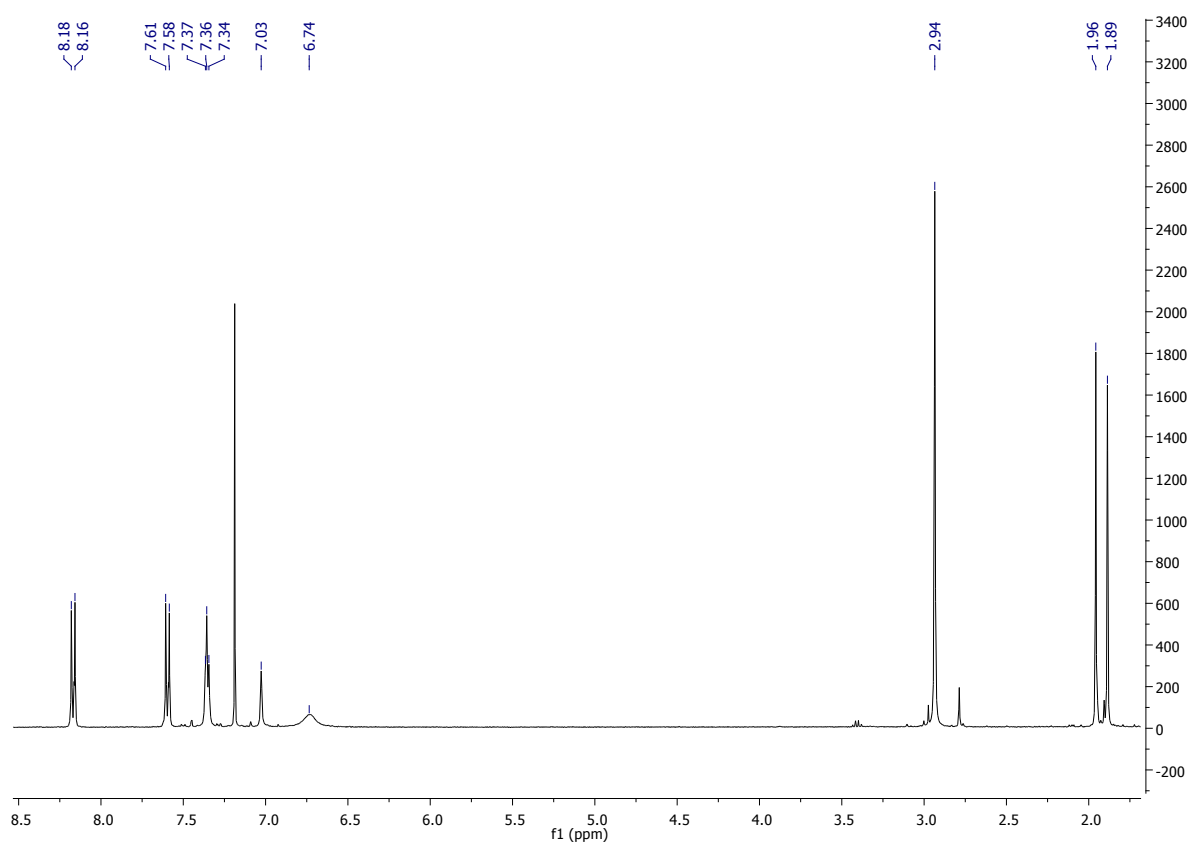


Figure S1. ¹H-NMR spectrum of NtAm in CDCl₃.

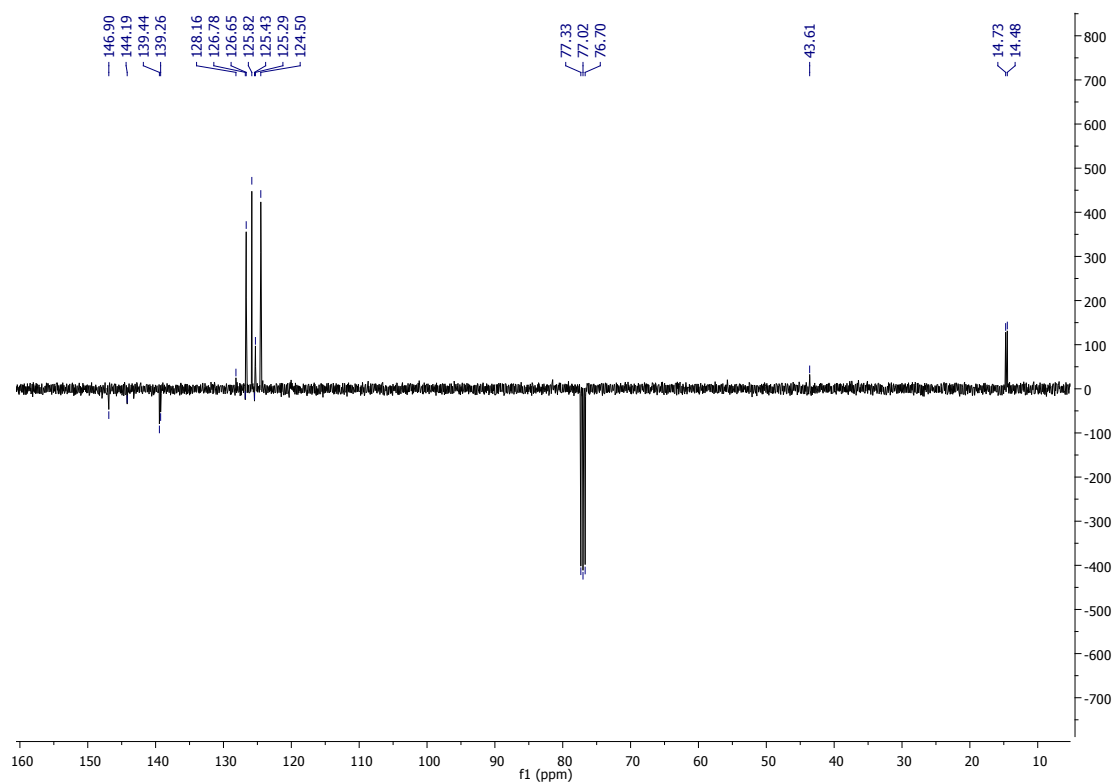


Figure S2. ¹³C-NMR spectrum of NtAm in CDCl₃.

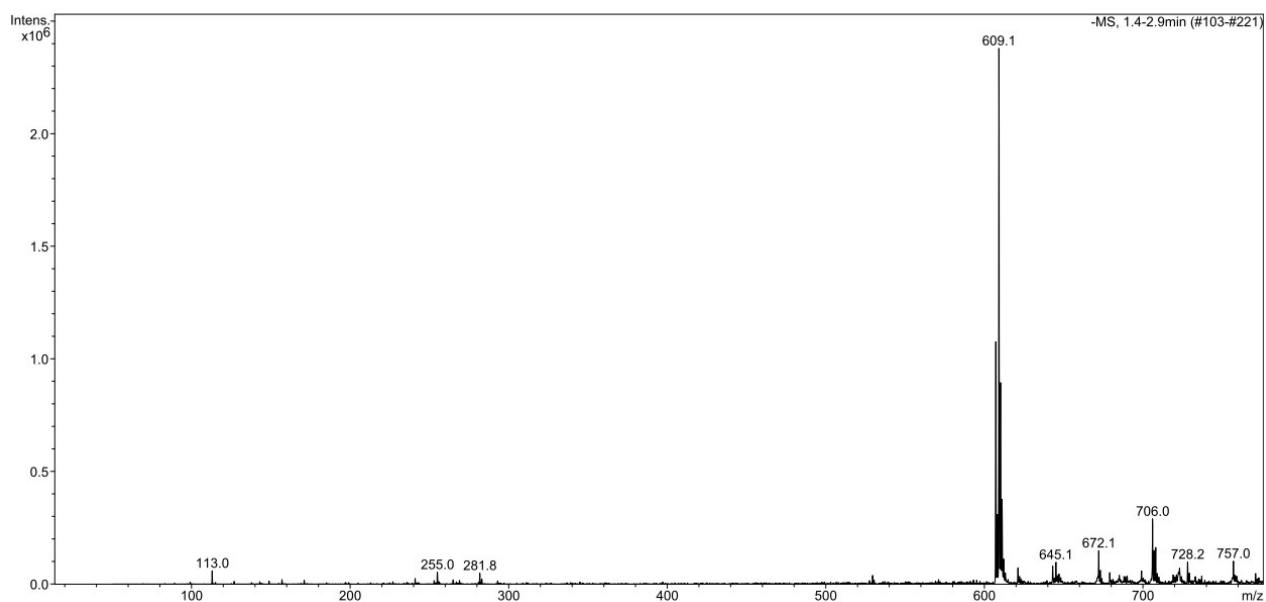


Figure S3. ESI-MS spectrum of NtAm (1 mg/ml CH₂Cl₂ dil 1:100 in Methanol).

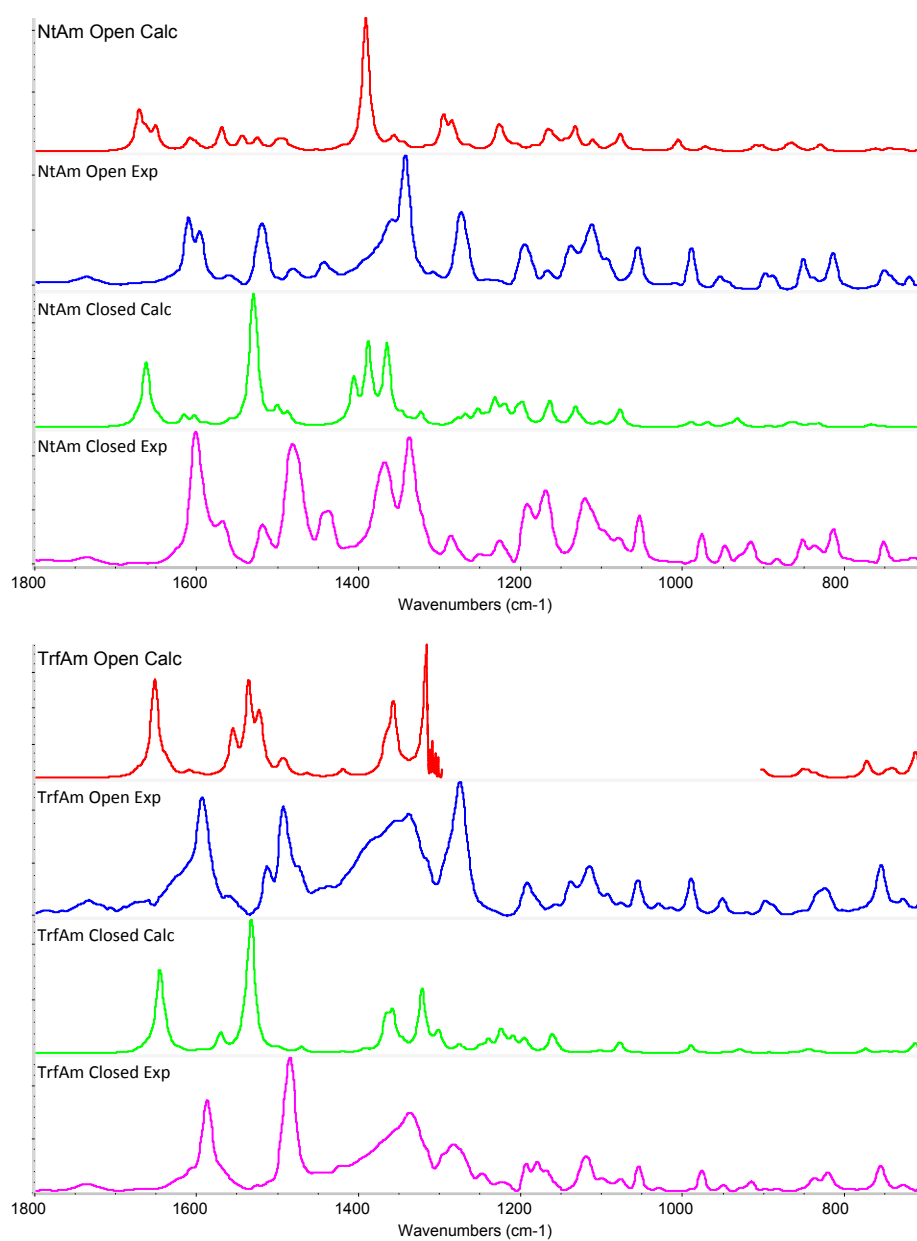


Figure S4. IR Spectra of the NTAm and TrfAm calculated and experimental in both forms.

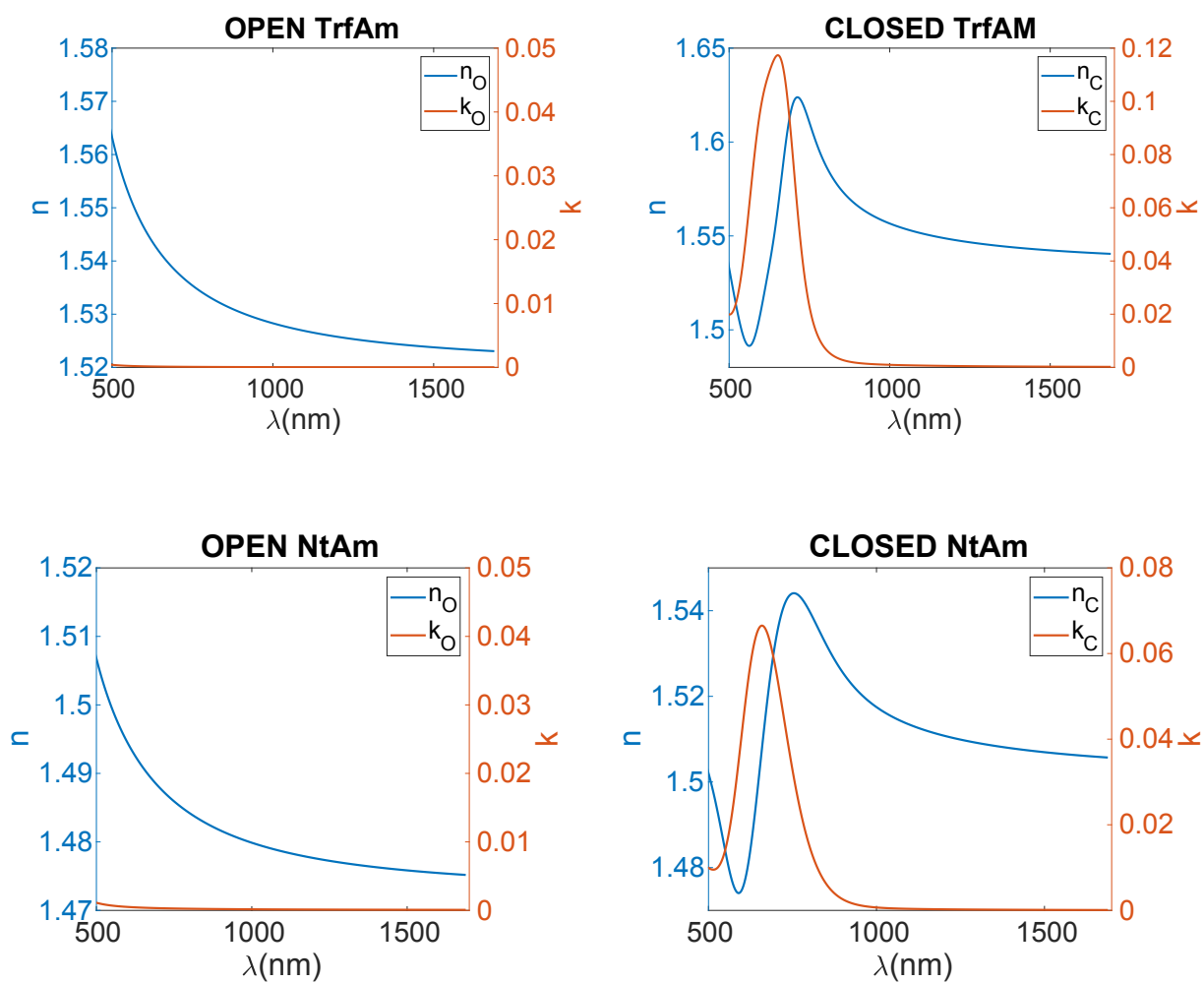


Figure S5. Trend of the complex refractive index for NTAm and TrfAm in the open (left) and closed (right) forms.