

Supporting Information

New Water Soluble Poly(propylene imine) Dendrimer modified with 4-sulfo-1,8-naphthalimide units: Sensing properties and Logic Gates Mimicking

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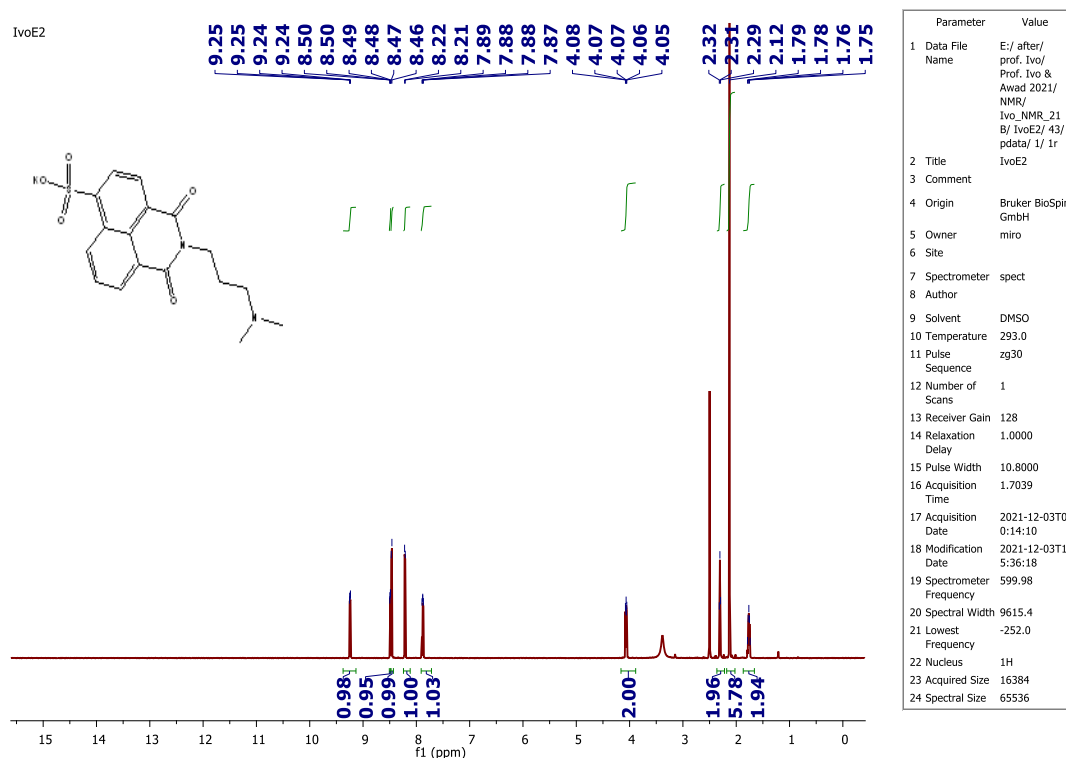


Figure S1. ¹H-NMR of the monomer SNIM.

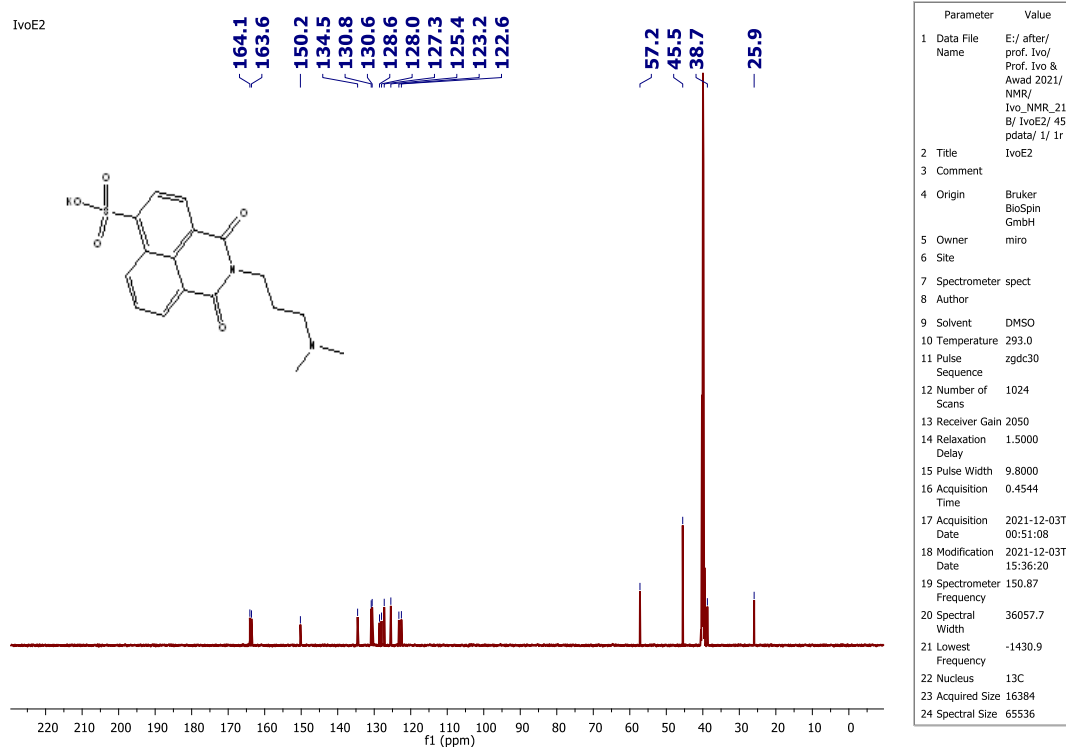


Figure S2. ¹³C-NMR of the monomer SNIM.

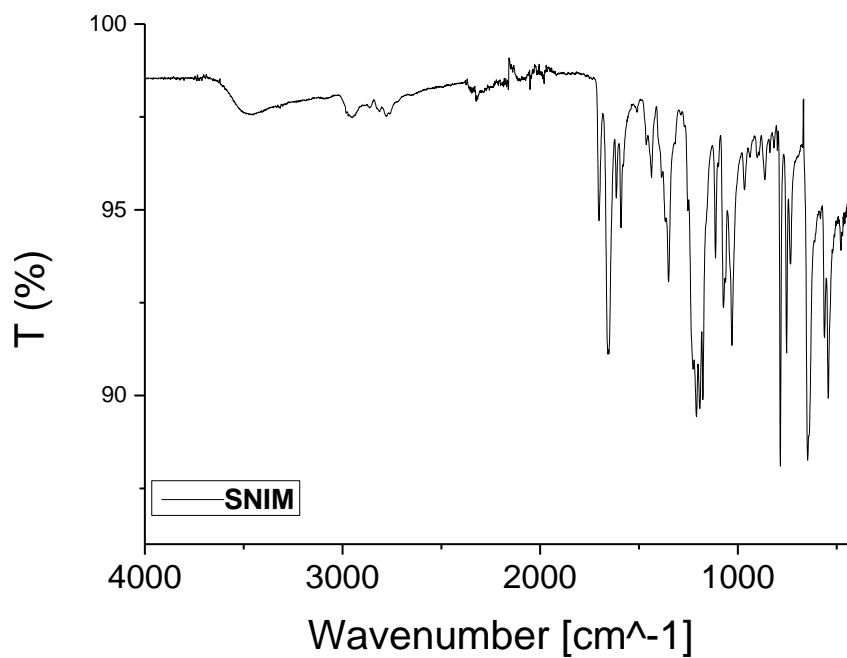


Figure S3. FTIR spectrum of the monomer SNIM.

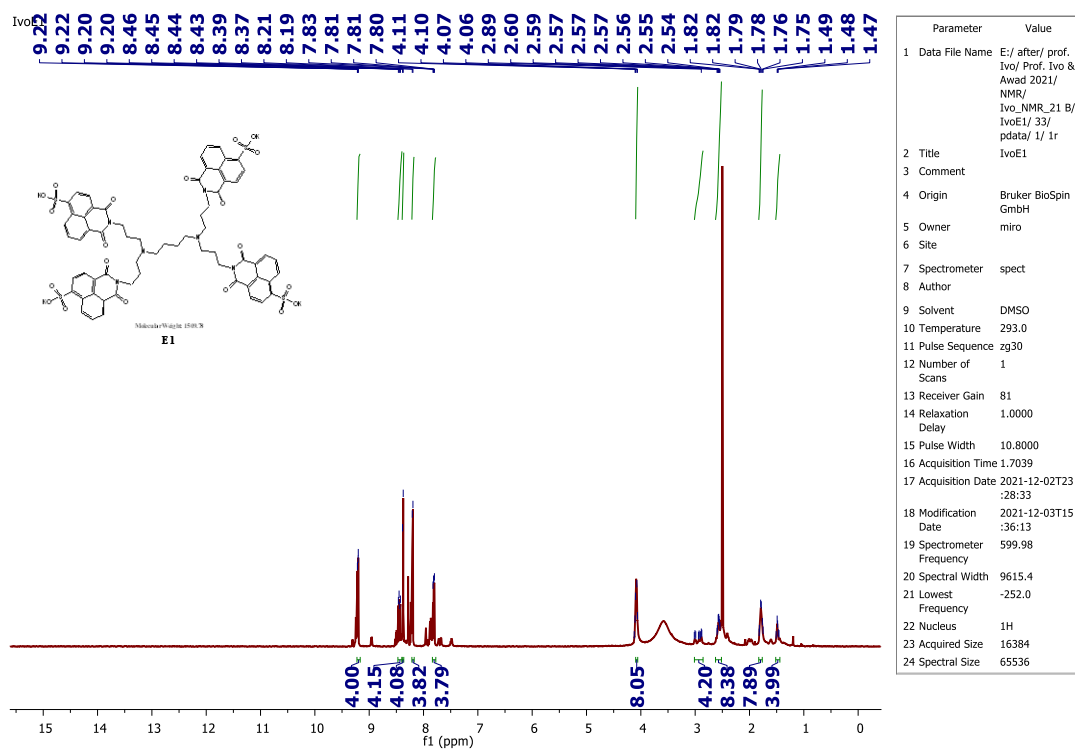


Figure S4. ¹H-NMR spectrum of the dendrimer SNID.

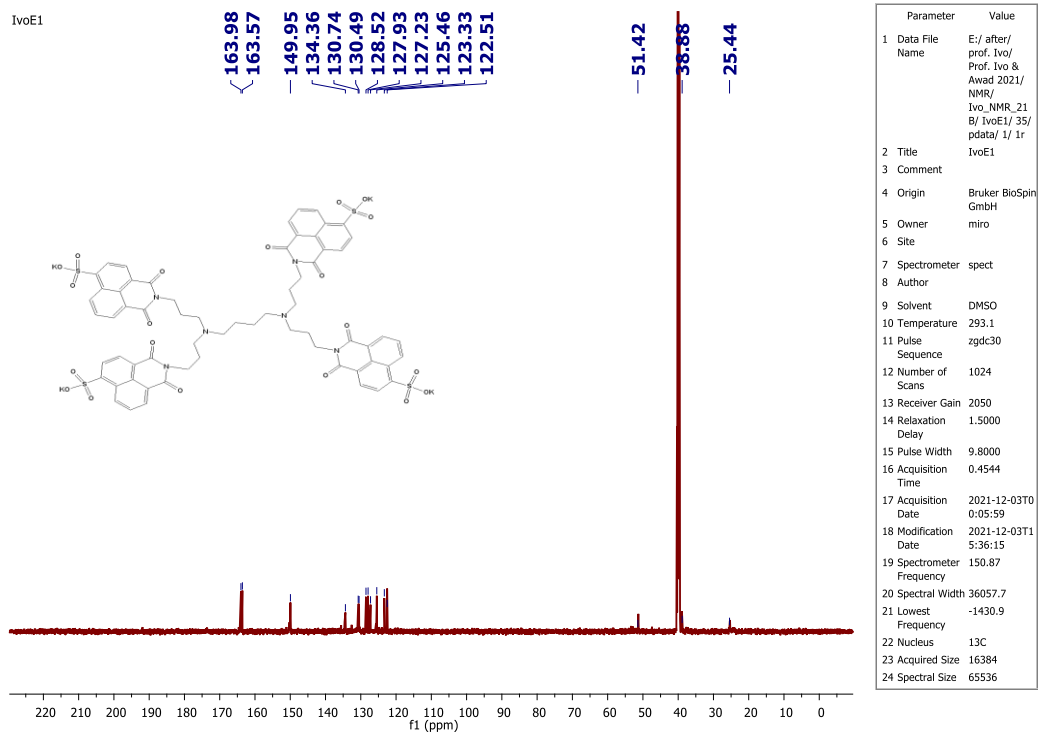


Figure S5. ¹³C-NMR spectrum of the dendrimer SNID.

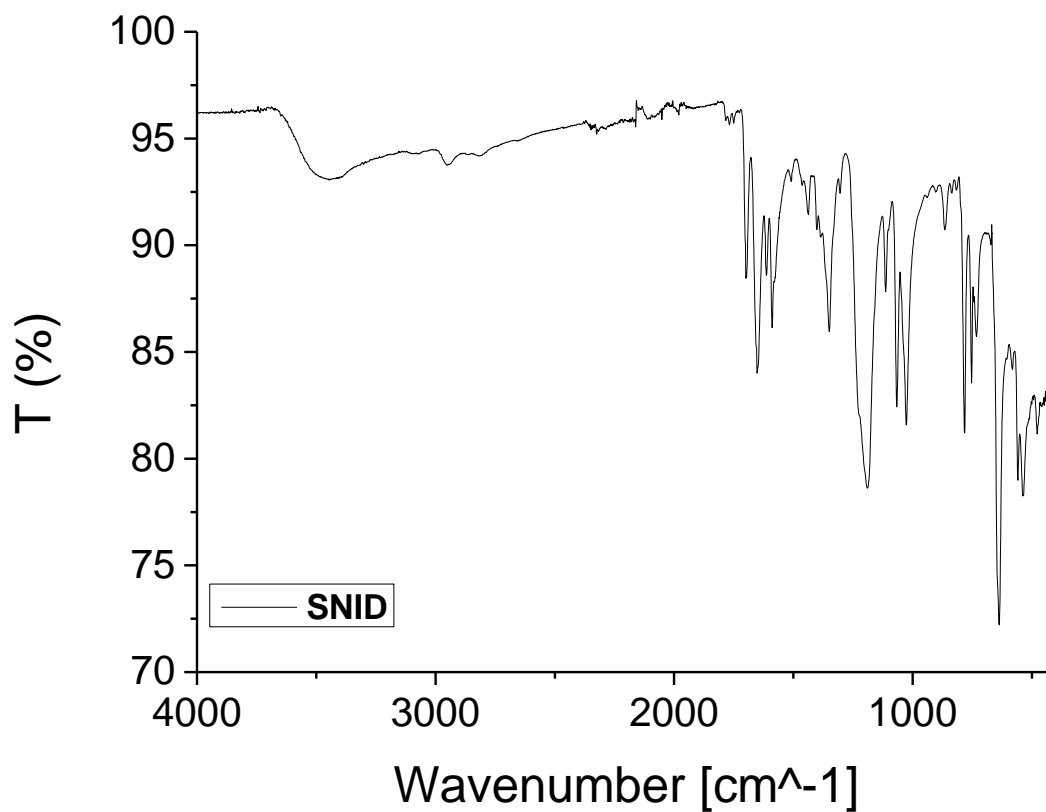


Figure S6. FTIR spectrum of the dendrimer SNID.

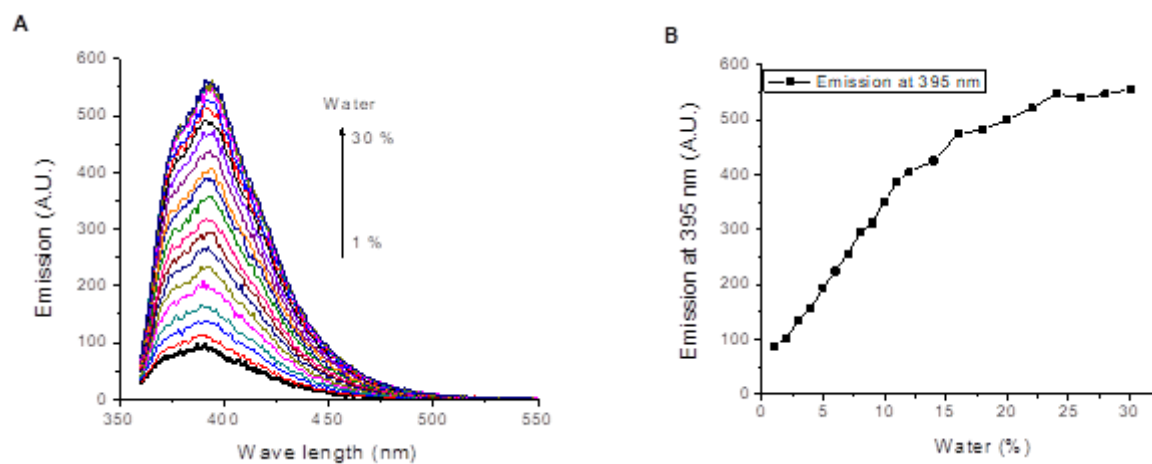


Figure S7. Influence of water on (A) emission spectrum and (B) emission at 395 nm of SNIM solution in ethanol, $c = 10^{-5}$ M, excitation at 340 nm.