

Supporting Information for:

Enhancement of NIR emission by tight confinement of hemicyanine dye within Zeolitic MgAPO-5 Nanochannels

Ainhoa Oliden-Sánchez, Rebeca Sola-Llano, Iñigo López-Arbeloa and Virginia Martínez-Martínez*

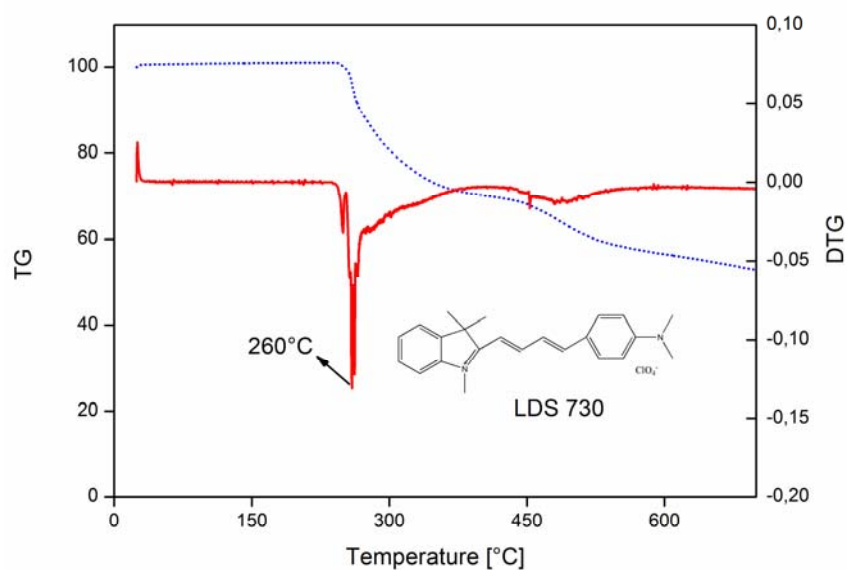


Figure S1. Overall thermogravimetric decomposition (TG) process of the LDS 730 dye and determination of the decomposition characteristic temperatures by the derivative thermogravimetric method (DTG).

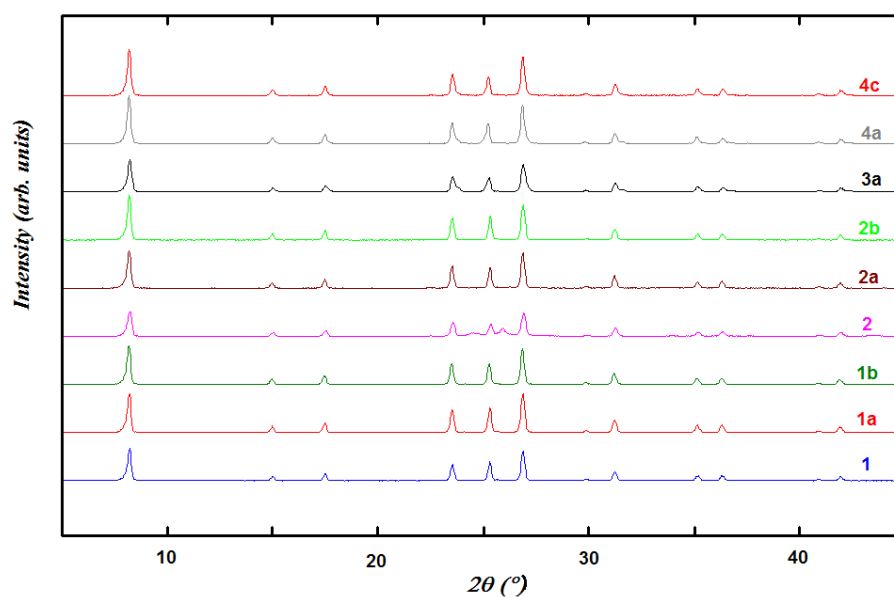


Figure S2. XRD patterns of all LDS 730/AFI samples synthesized at different gel molar compositions. The composition of each gel is detailed at table 1.

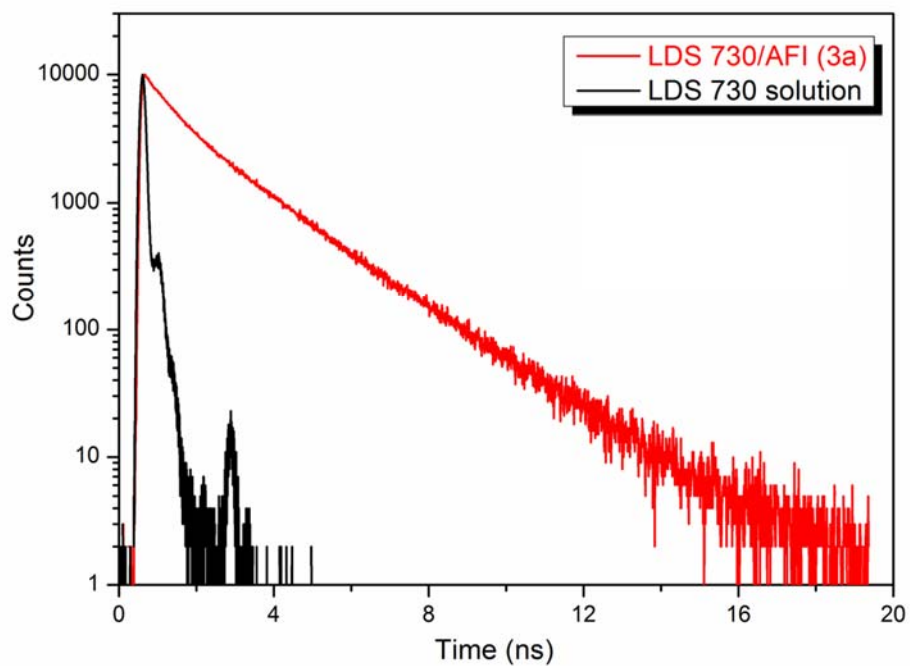


Figure S3. Decay fluorescence curve of a representative sample (3a) following biexponential kinetics: τ_1 : 1.97 (%49) and τ_2 : 0.43 (%51).