

Supporting information.

A visible light-sensitive caged Serotonin.

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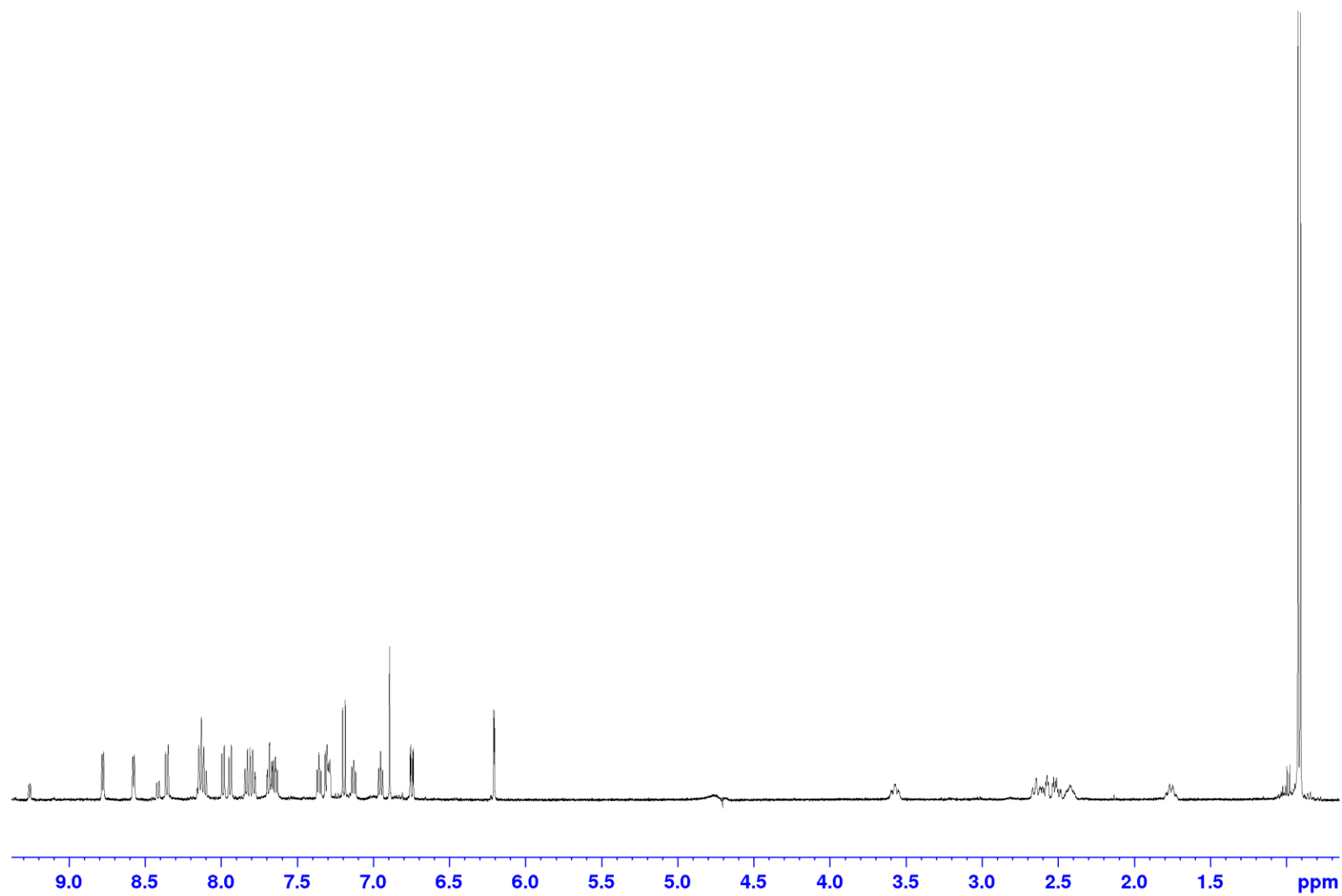


Figure S1. ^1H -NMR spectra of $[\text{Ru}(\text{bpy})_2(\text{PMe}_3)(5\text{HT})]\text{Cl}$ in D_2O .

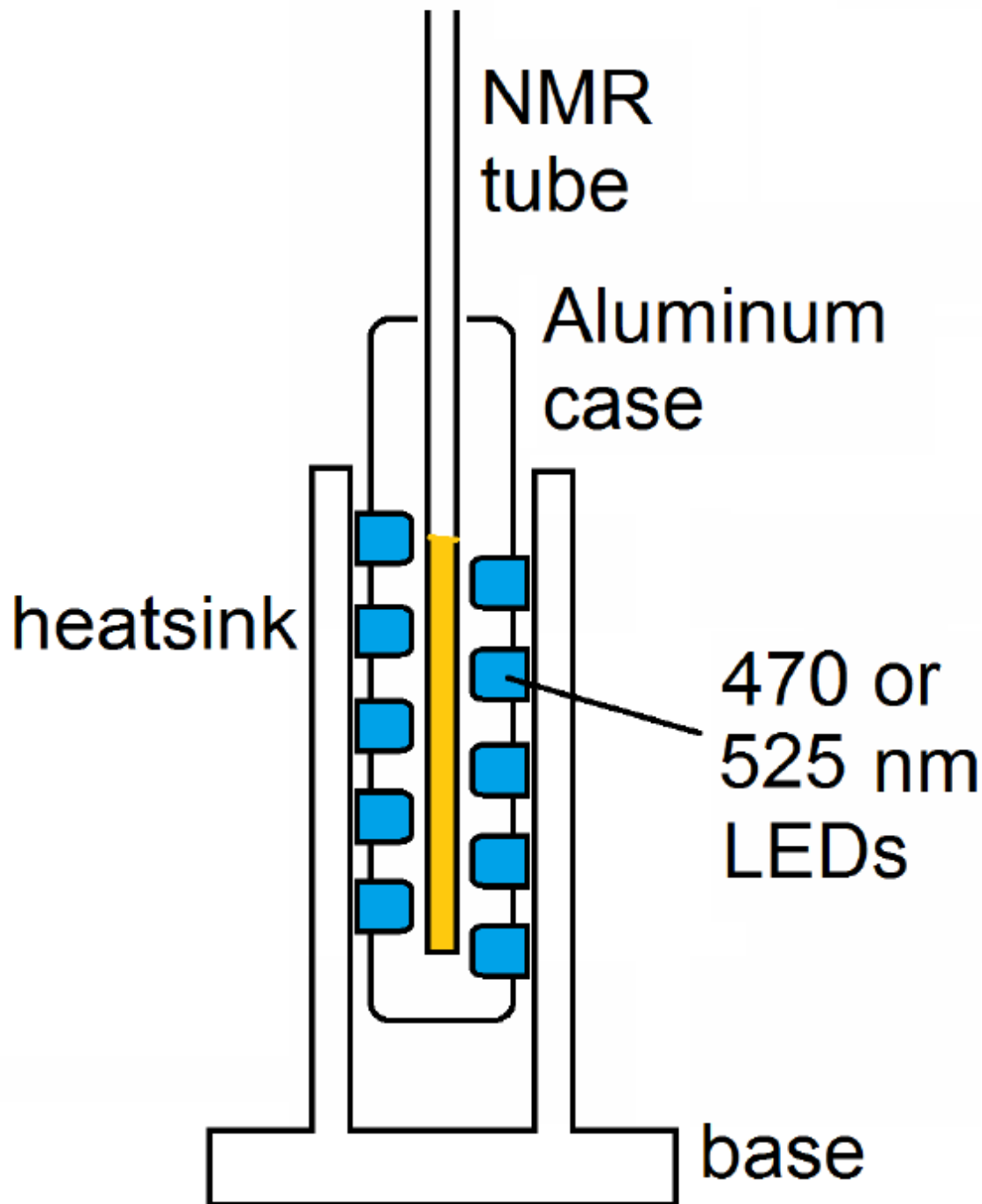


Figure S2. Scheme of the setup used to perform the uncaging procedure into the unopened NMR tube. 1W blue (470 nm) or green (532 nm) emitters were used to illuminate the sample through the tube walls, ensuring that all the sample is irradiated. The heatsink and aluminum case temperature can be kept cold with an ice/water bath.