

# *Supporting Information*

*for*

## **Through Bond Energy Transfer: A Convenient and Universal Strategy towards Efficient Ratiometric Fluorescent Probe for Bio-imaging Applications**

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#### 2. NMR spectra or Mass data for compounds **CR** and **CR-P**

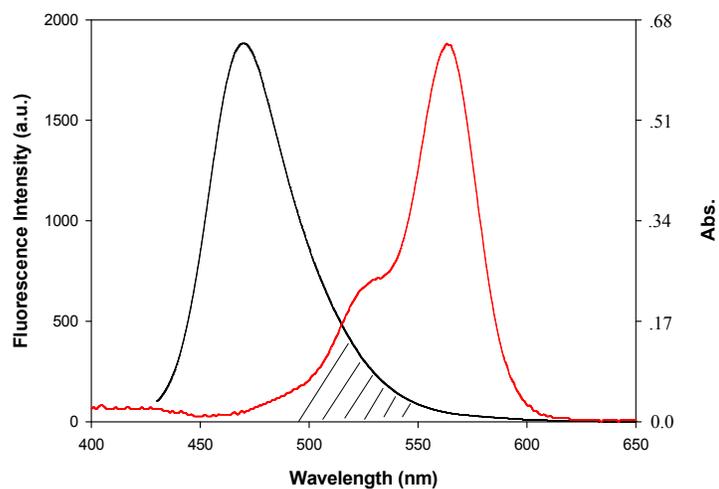
Mass spectrum of **CR**-----4

<sup>1</sup>H-NMR spectrum of **CR**-----5

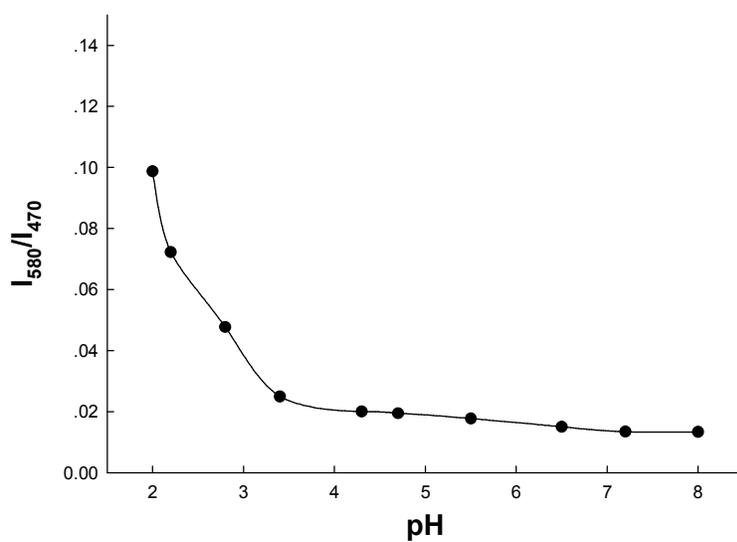
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## 1. Supplementary Figures

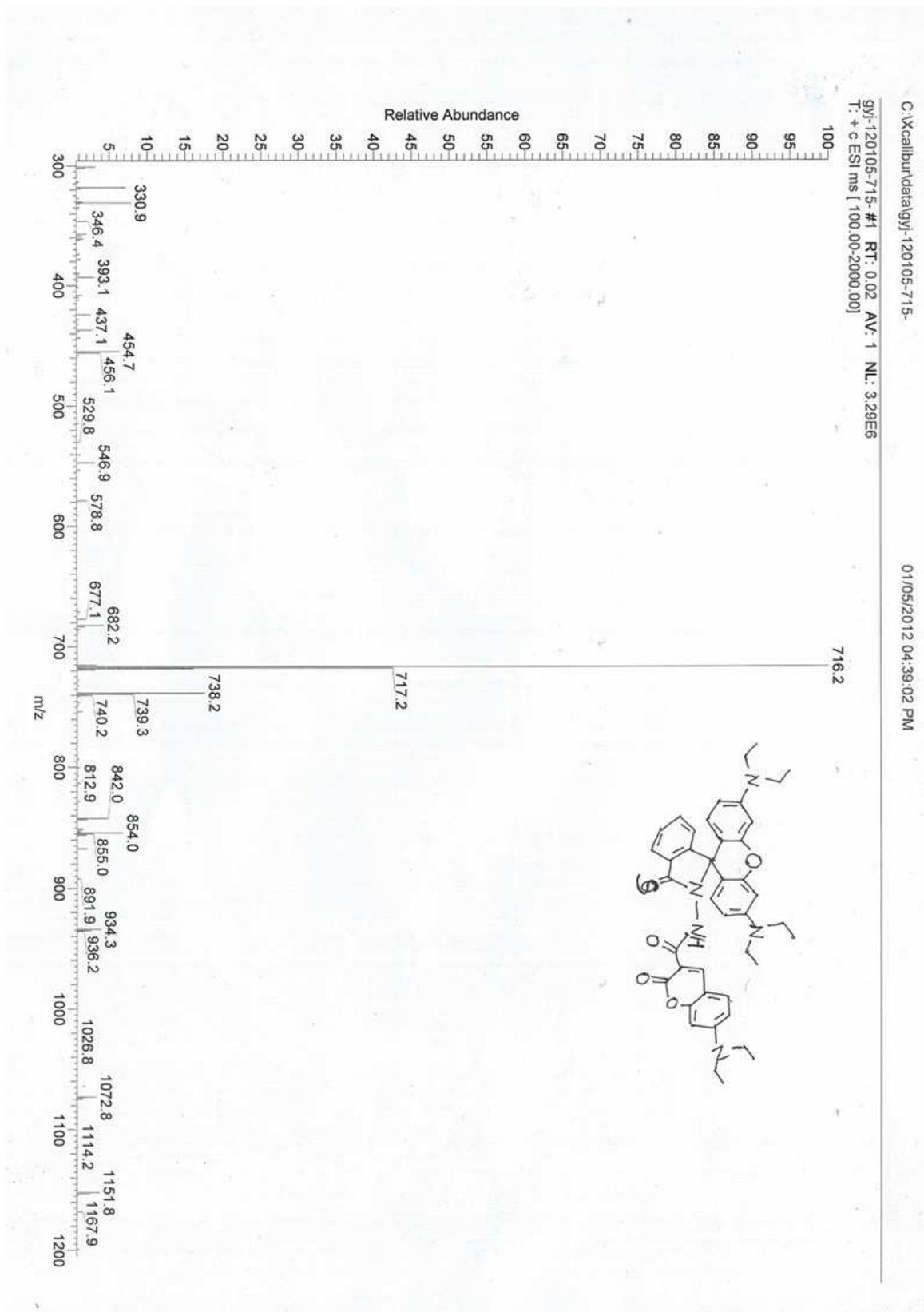


**Figure S1.** Normalized absorption of rhodamine B (red) and emission spectra of coumarin in **CR** (black). Shaded area indicates the spectral overlap between the emission of coumarin and the rhodamine B characteristic absorption.

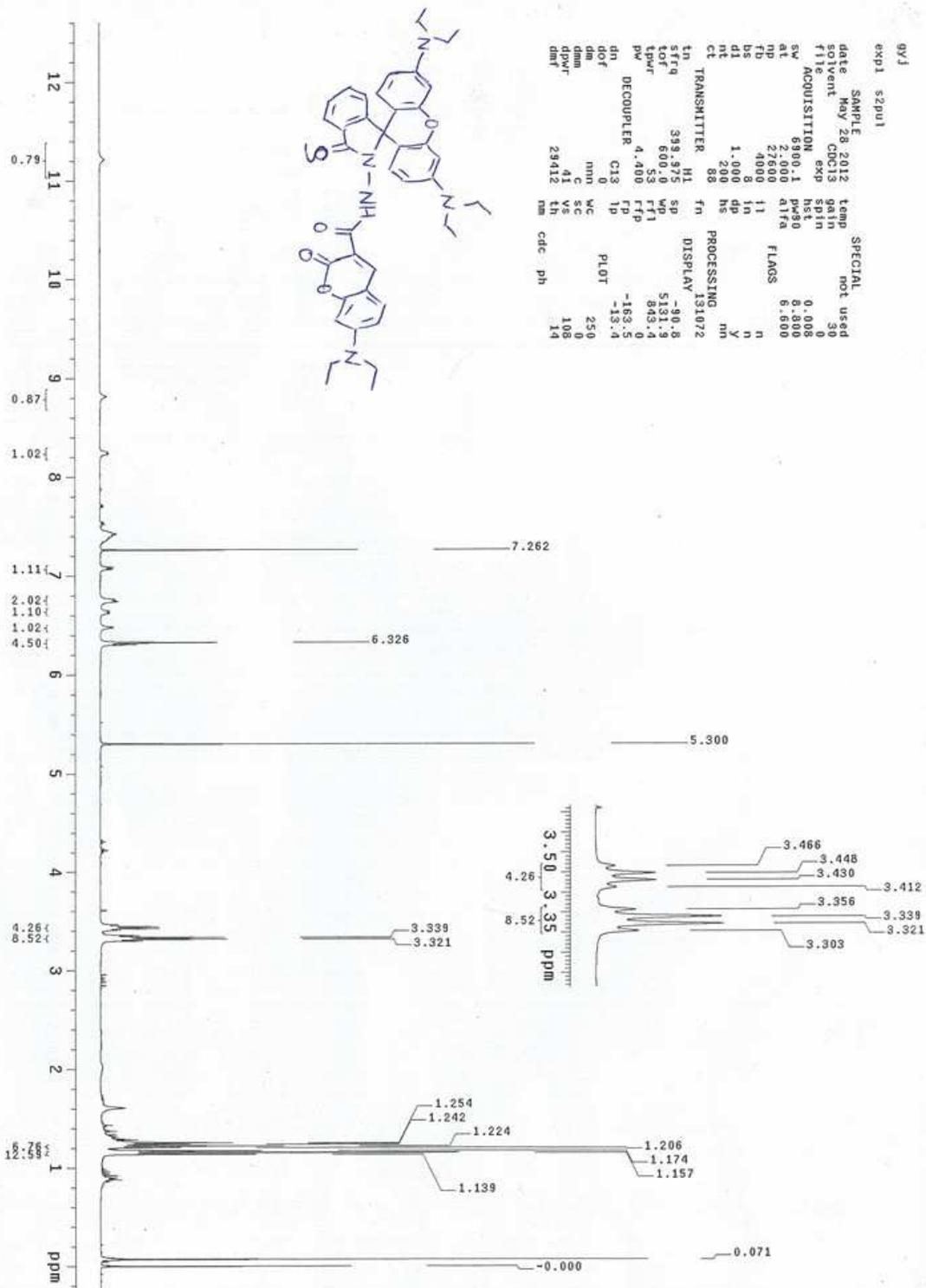


**Figure S2.** Fluorescence intensity ratio at  $I_{580}/I_{470}$  of **CR** as a function of different pH in buffered (HEPES, pH=7.2) water/THF (1 : 1, v/v) solution.

## 2. NMR spectra or Mass data for CR and CR-P



MS spectra of CR



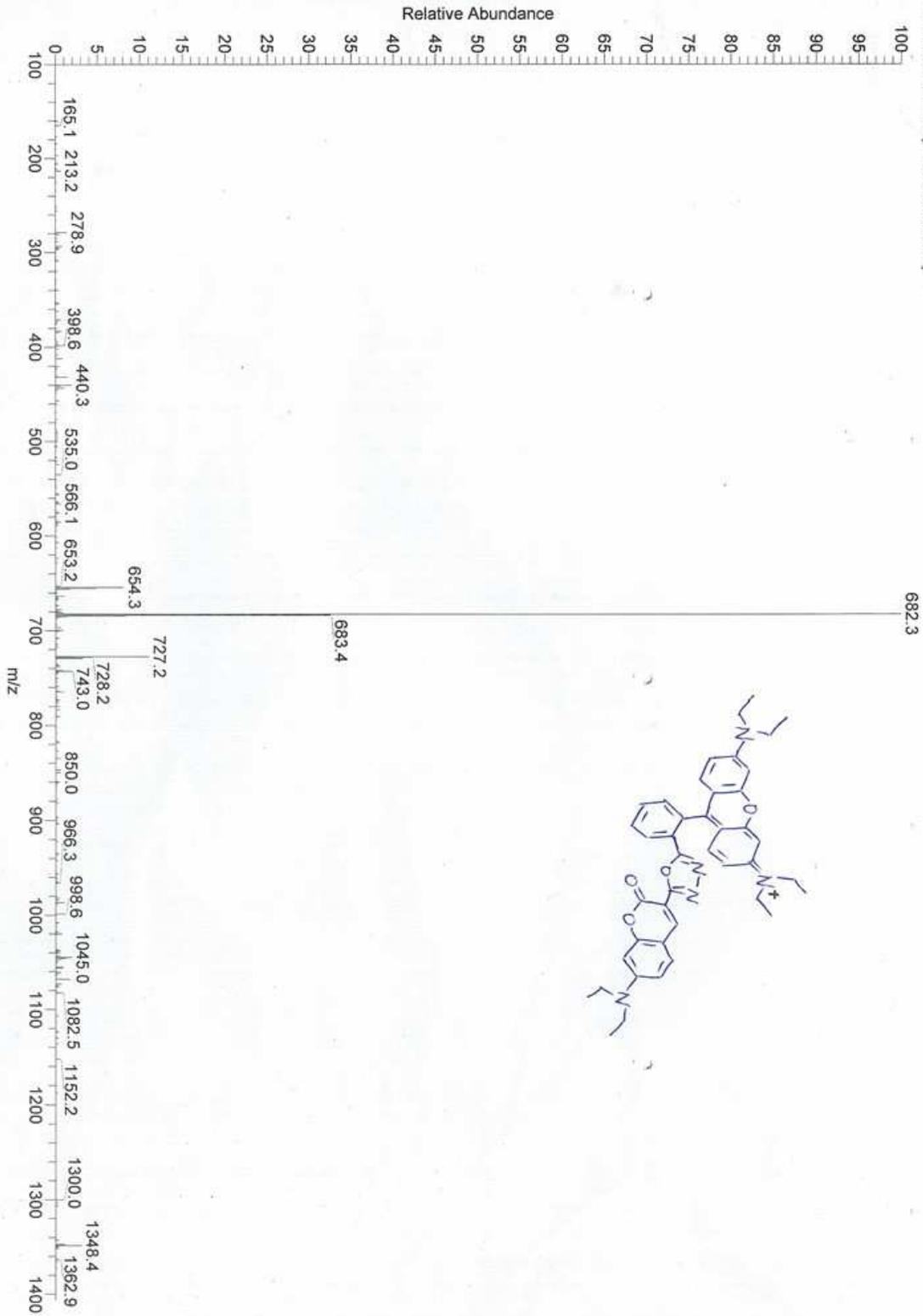
<sup>1</sup>H NMR spectra of CR



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MS spectra of CR-P