

Supporting Information

A colorimetric and fluorescent pH probe for imaging in *E. coli* cells

Jianbin Chao,^{a*} Kailun Song,^{ab} Huijuan Wang,^{ab} Zhiqing Li,^{ab} Yongbin Zhang,^d

Caixia Yin,^c Fangjun Huo,^d Juanjuan Wang,^a Ting Zhang^a

^aScientific Instrument Center, Shanxi University, Taiyuan 030006, China

^bSchool of Chemistry and Chemical Engineering, Shanxi University, Taiyuan 030006, China

^cInstitute of Molecular Science, Shanxi University, Taiyuan 030006, China

^dResearch Institute of Applied Chemistry, Shanxi University, Taiyuan 030006, China

Supplementary Figures.

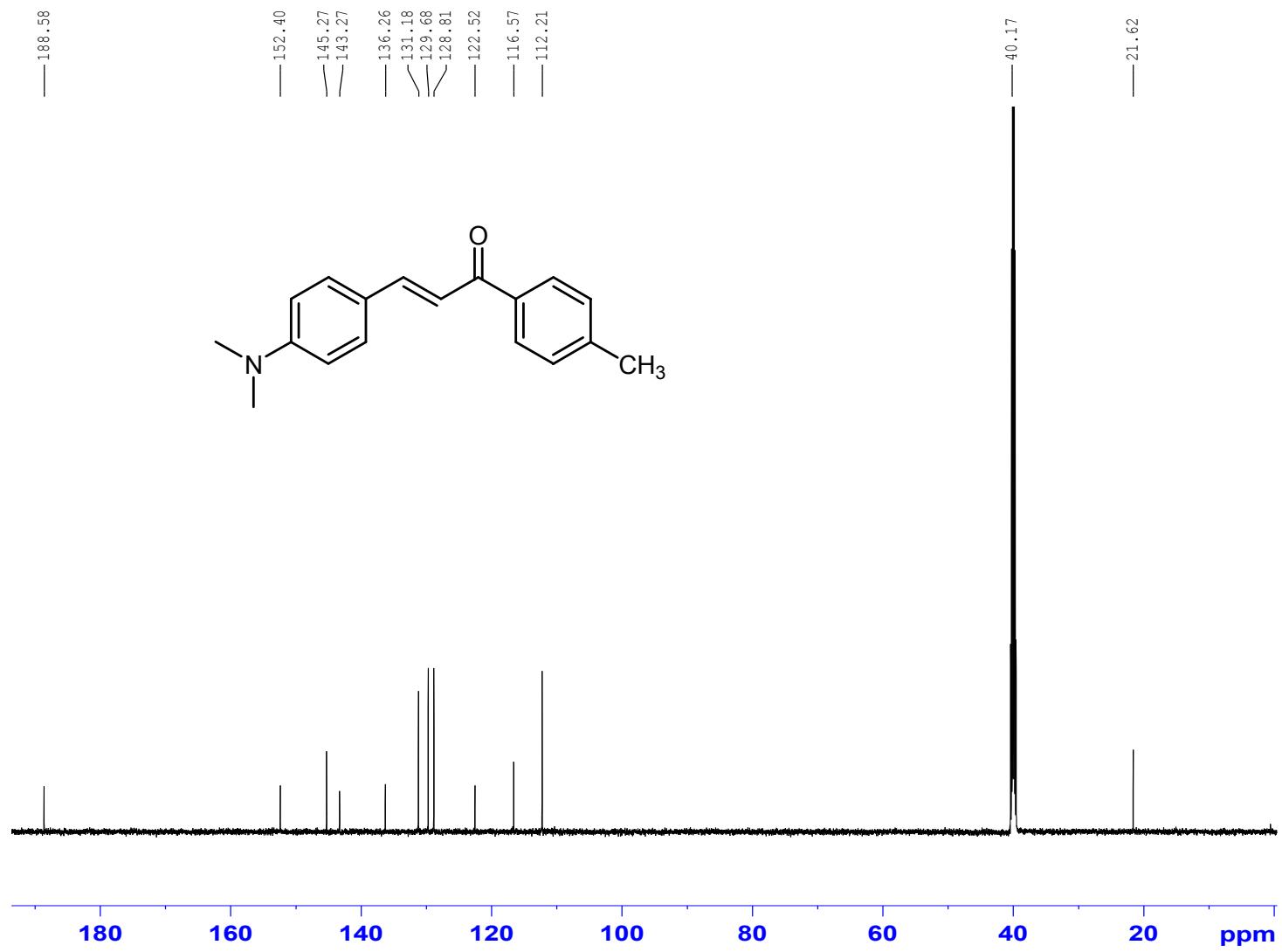


Figure S1. ^{13}C NMR of **MDAK**.

C2-3 #32-70 RT: 0.16-0.23 AV: 3 NL: 2.78E9
T: FTMS + p ESI Full ms [150.00-2000.00]

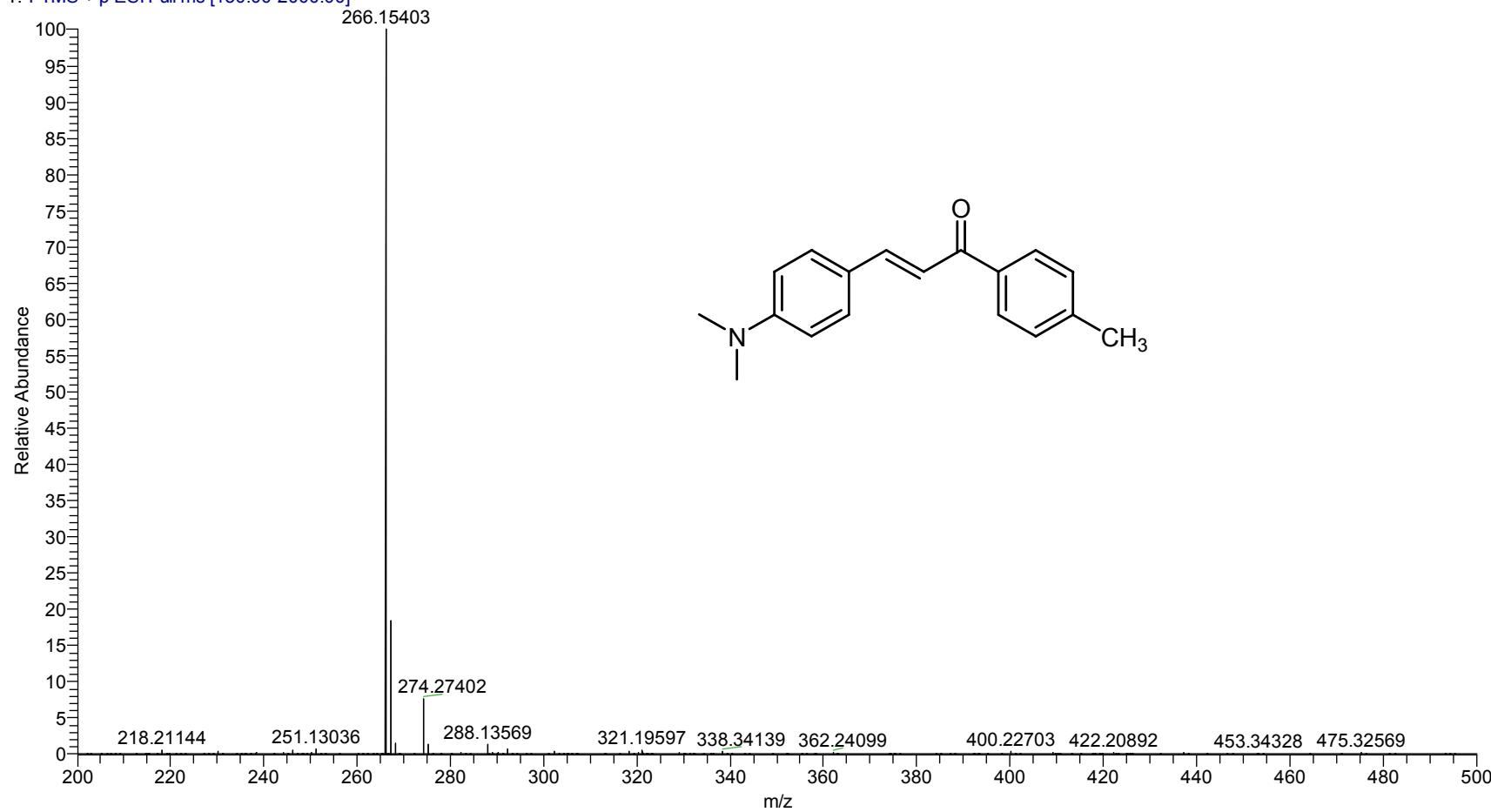


Figure S2. ESIMS analysis of **MDAK**.