

A Blue 4',7-Diaminoflavylium Cation Showing an Extended pH Range Stability

Arnaud Tron,^a Sandra Gago,^b Nathan D. McClenaghan,^{a*} A. Jorge Parola,^b and Fernando Pina^{b*}

^a Institut des Sciences Moléculaires, CNRS UMR 5255, Univ. Bordeaux, 33405 Talence, France

nathan.mcclenaghan@u-bordeaux.fr

^b LAQV, REQUIMTE, Departamento de Química Faculdade de Ciência e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal.

fp@fct.unl.pt

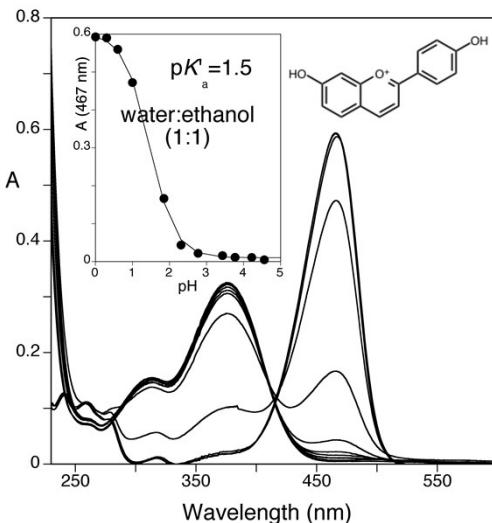


Figure S1. Spectral variations of the model compound 4',7-dihydroxyflavylium in water:ethanol (1:1, v/v)

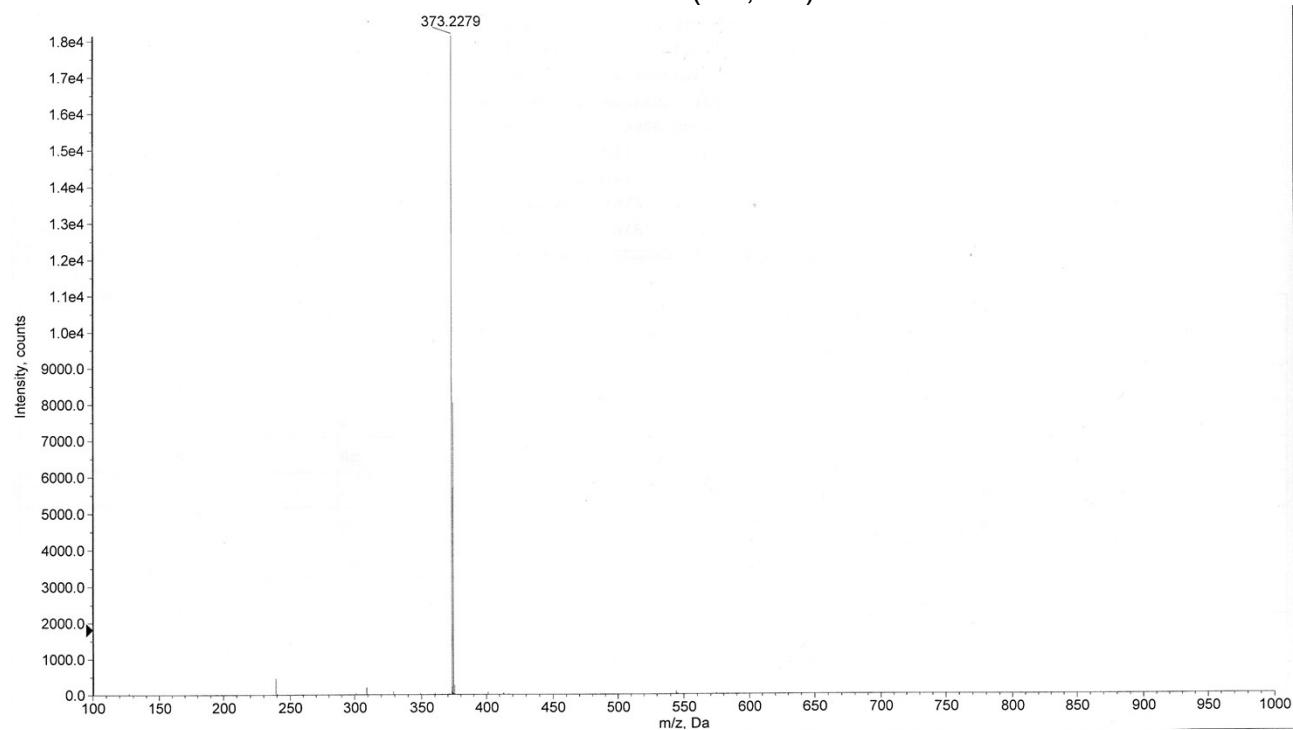


Figure S2. HRMS (ESI) of Compound 1.

NMR Spectra of Flavylium 1

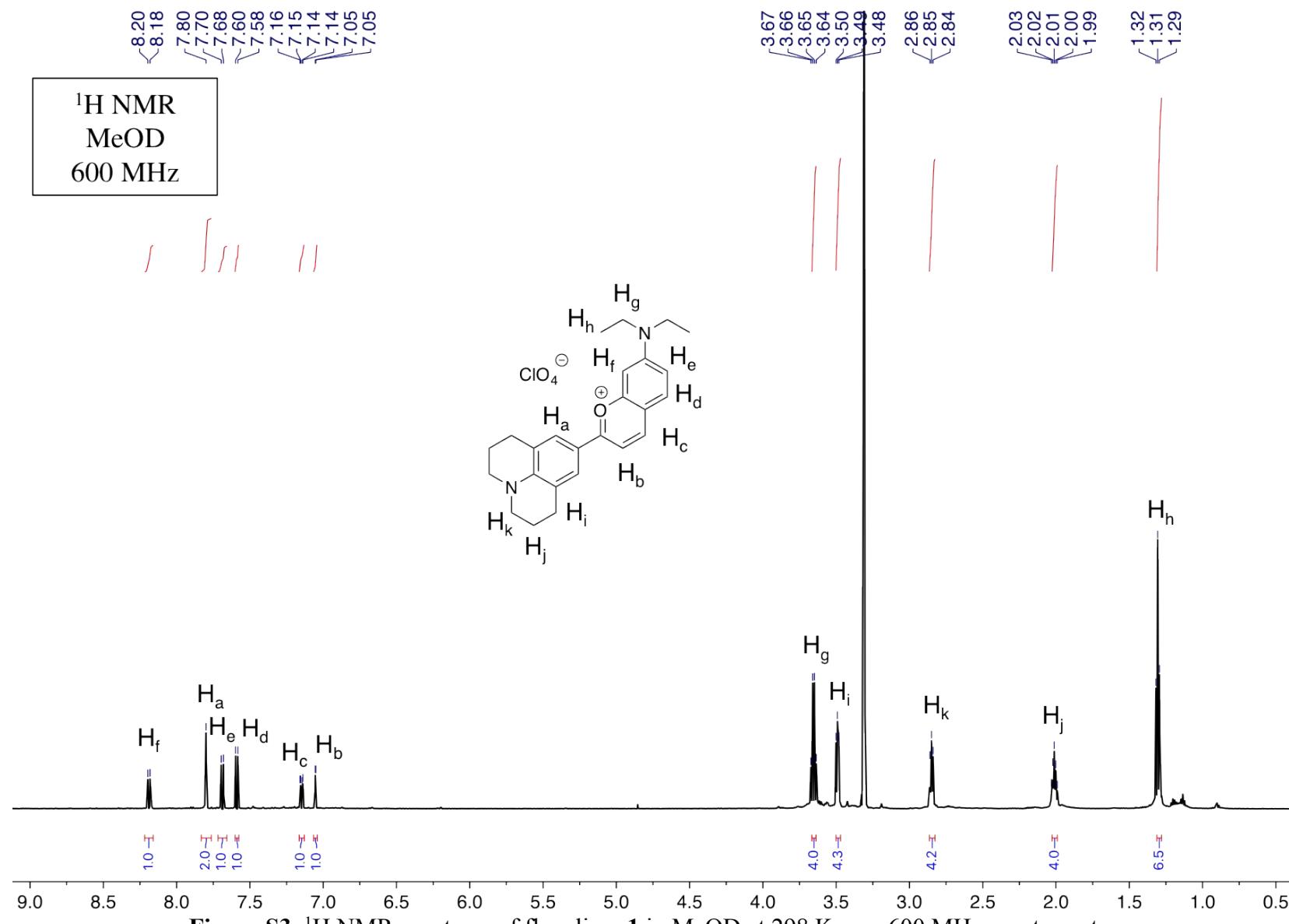


Figure S3. ¹H NMR spectrum of flavylium 1 in MeOD at 298 K on a 600 MHz spectrometer.

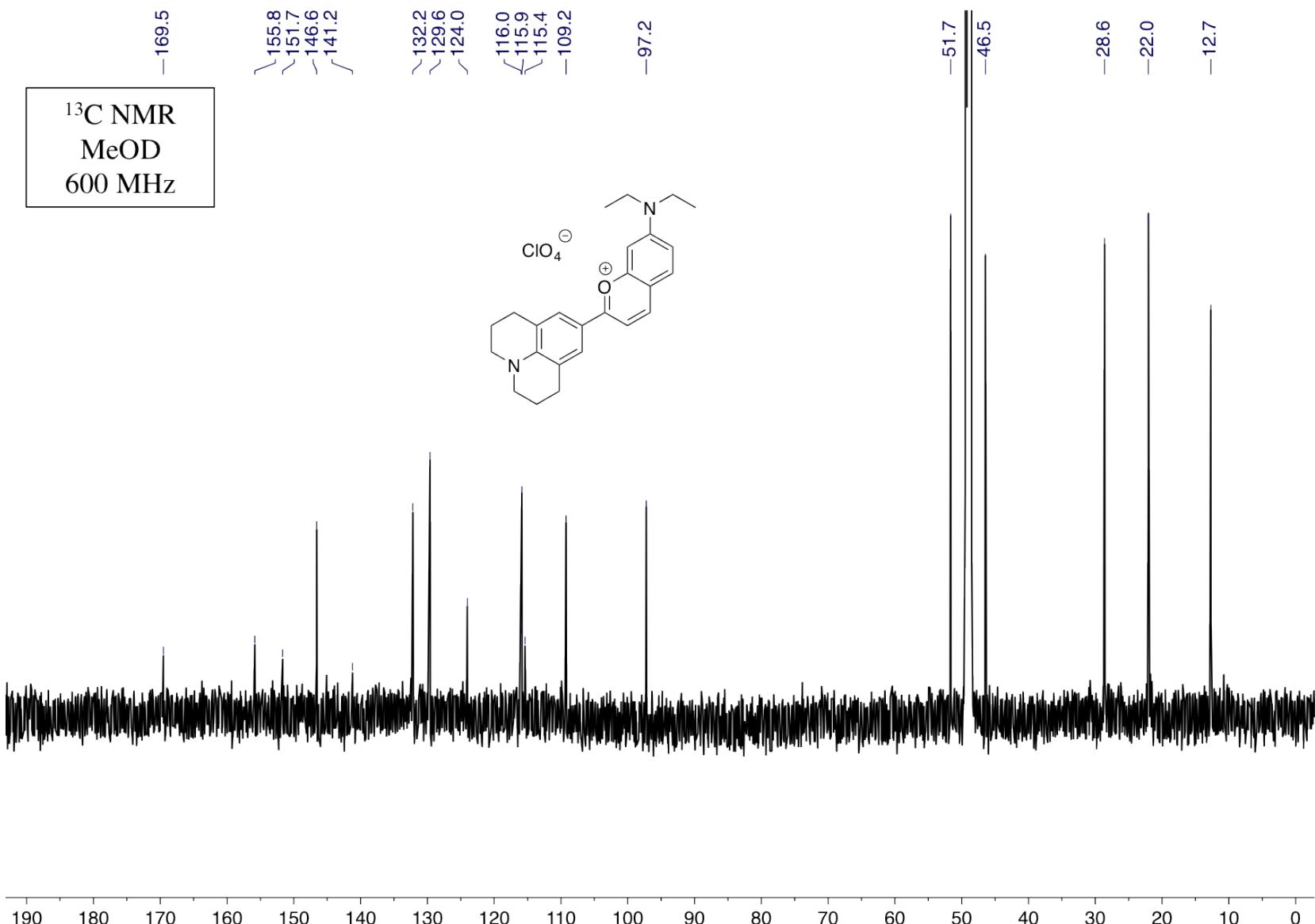


Figure S4. ¹³C NMR spectrum of flavylium **1** in MeOD at 298 K on a 600 MHz spectrometer.