**Coumarin or benzoxazinone bearing benzimidazolium and bis(benzimidazolium) salts; involvement in transfer hydrogenation of acetophenone derivatives and hCA inhibition**

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**Figure.** 1H-NMR spectrum of compound 1a



**Figure.** 13C-NMR spectrum of compound 1a



**Figure.** 1H-NMR spectrum of compound 2a



**Figure.** 13C-NMR spectrum of compound 2a



**Figure.** HSQC NMR spectrum of compound 2b



**Figure.** LC-MS spectrum of compound **1b**



**Figure.** LC-MS spectrum of compound **2b**

**Figure.** CA Inhibition graph of compound 1

**Figure.** CA Inhibition graph of compound 2

**Figure.** CA Inhibition graph of compound 1a

**Figure.** CA Inhibition graph of compound 2a

**Figure.** CA Inhibition graph of compound 1b

**Figure.** CA Inhibition graph of compound 2b