

Supporting Information

for

Cyclodextrin-grafted polymers functionalized with phosphanes: a new tool for aqueous organometallic catalysis

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NMR spectra

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Figure S1. 2D COSY spectrum of **1** (10 mM) in D₂O at 25 °C.

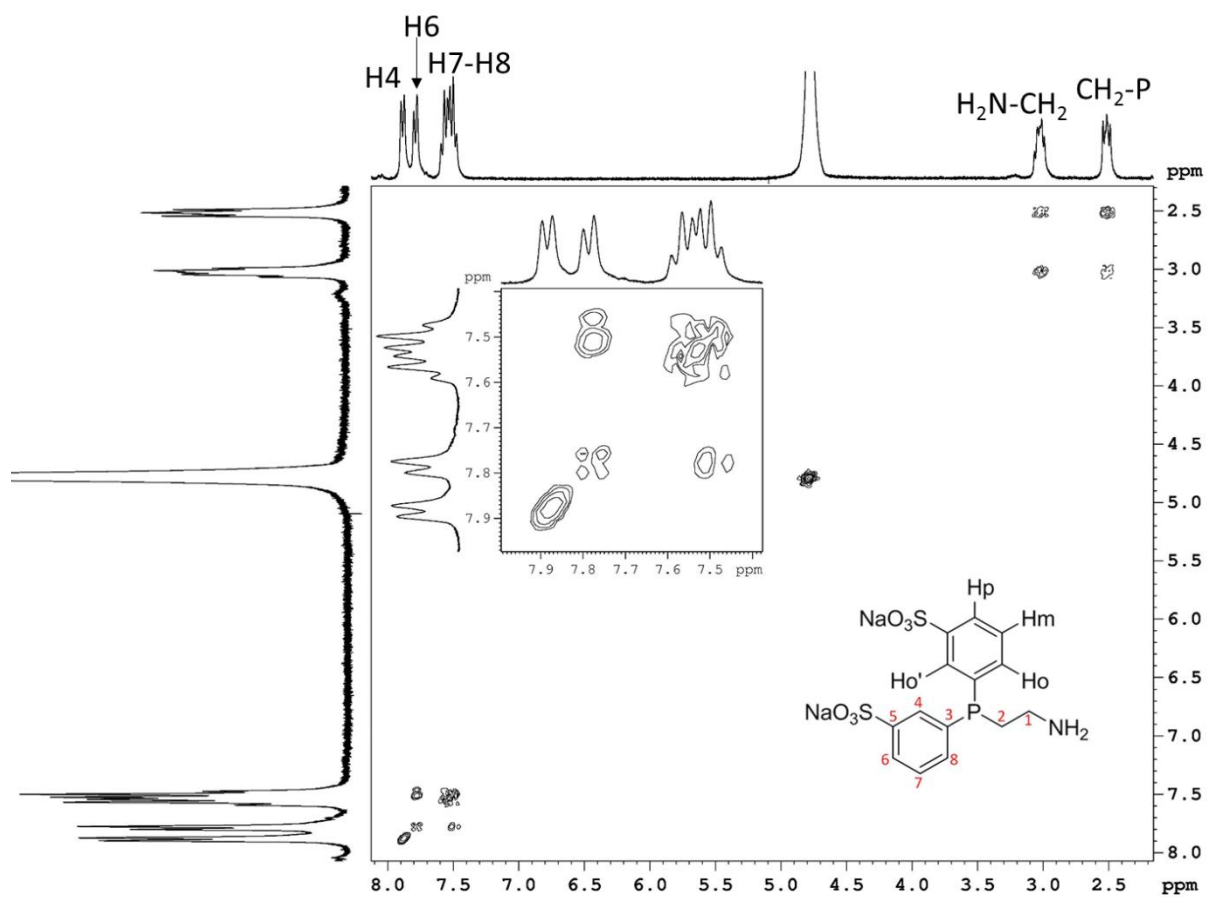


Figure S2. 2D T-ROESY spectrum of a 1/5 mixture of RAME- β -CD (2 mM) and **1** (10 mM) in D₂O at 25 °C.

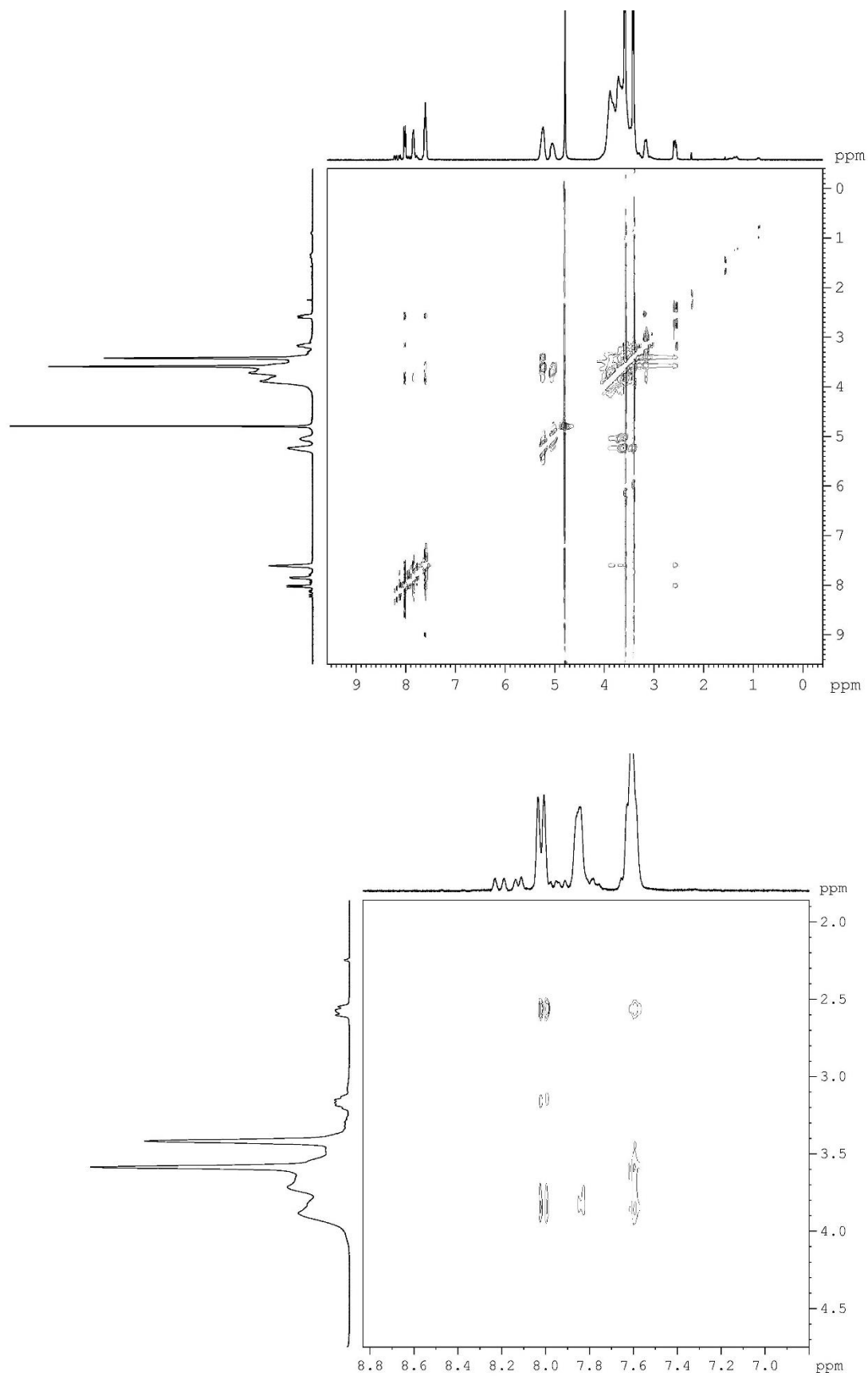


Figure S3. ^1H NMR spectrum of **3b** (10 mM) in DMF-d_7 at 25 $^\circ\text{C}$.

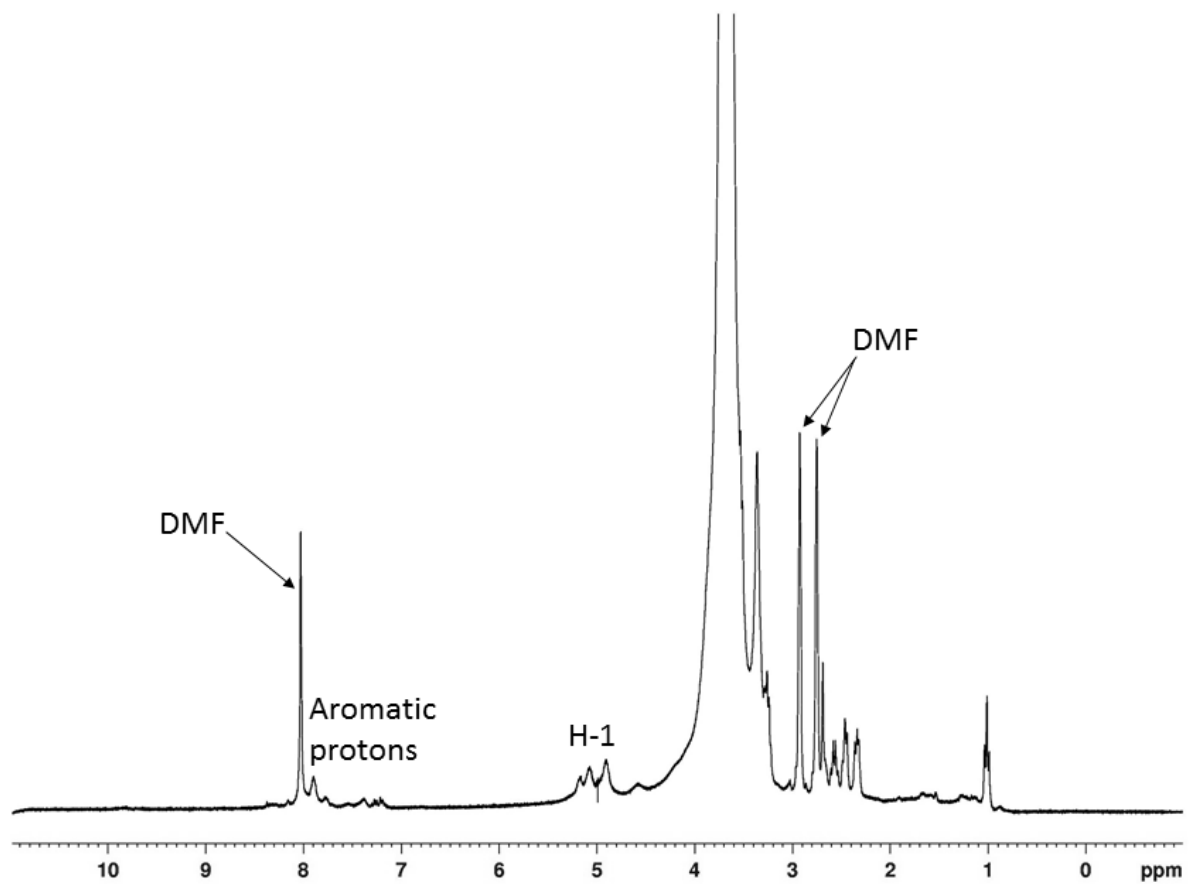


Figure S4. ^1H NMR spectrum of **3c** (10 mM) in DMF-d_7 at 25 $^\circ\text{C}$.

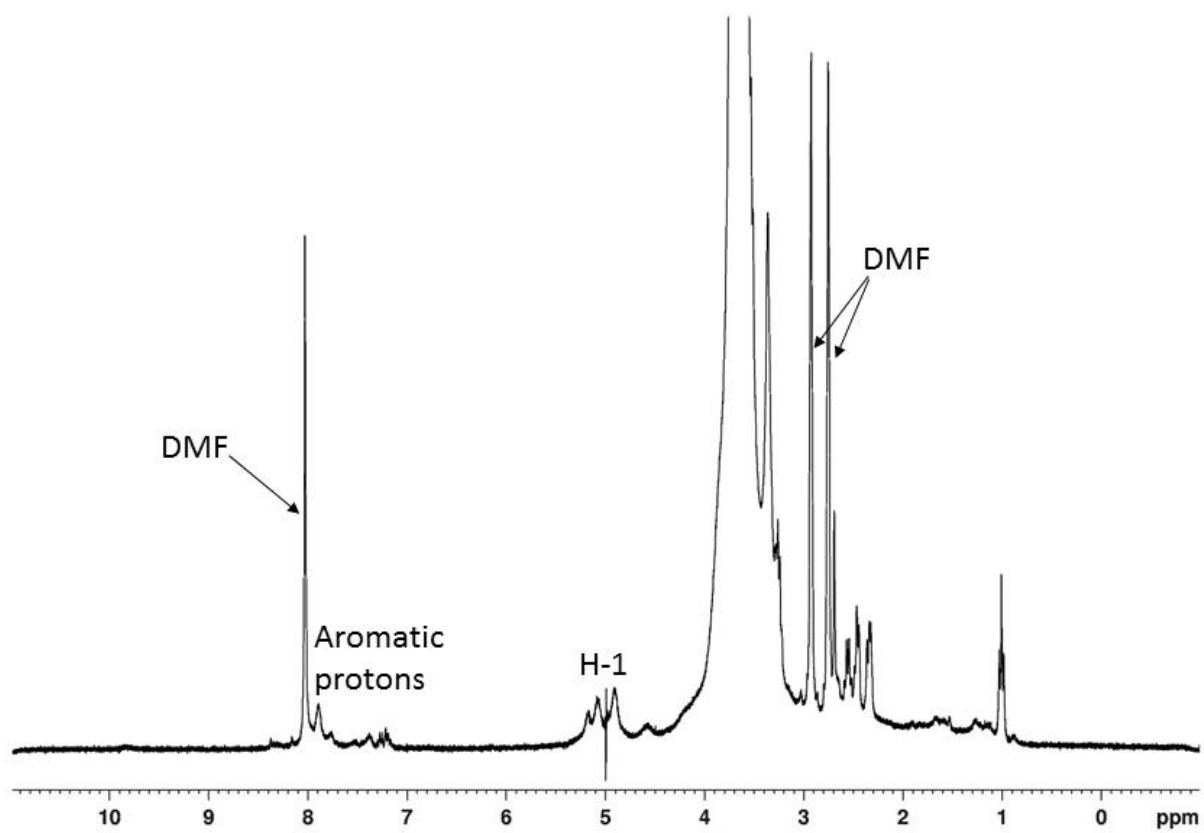


Figure S5. ^{31}P NMR spectrum of a mixture of **1** (2 mM) and **3b** (10 mM) in DMF- d_7 at 25 °C.

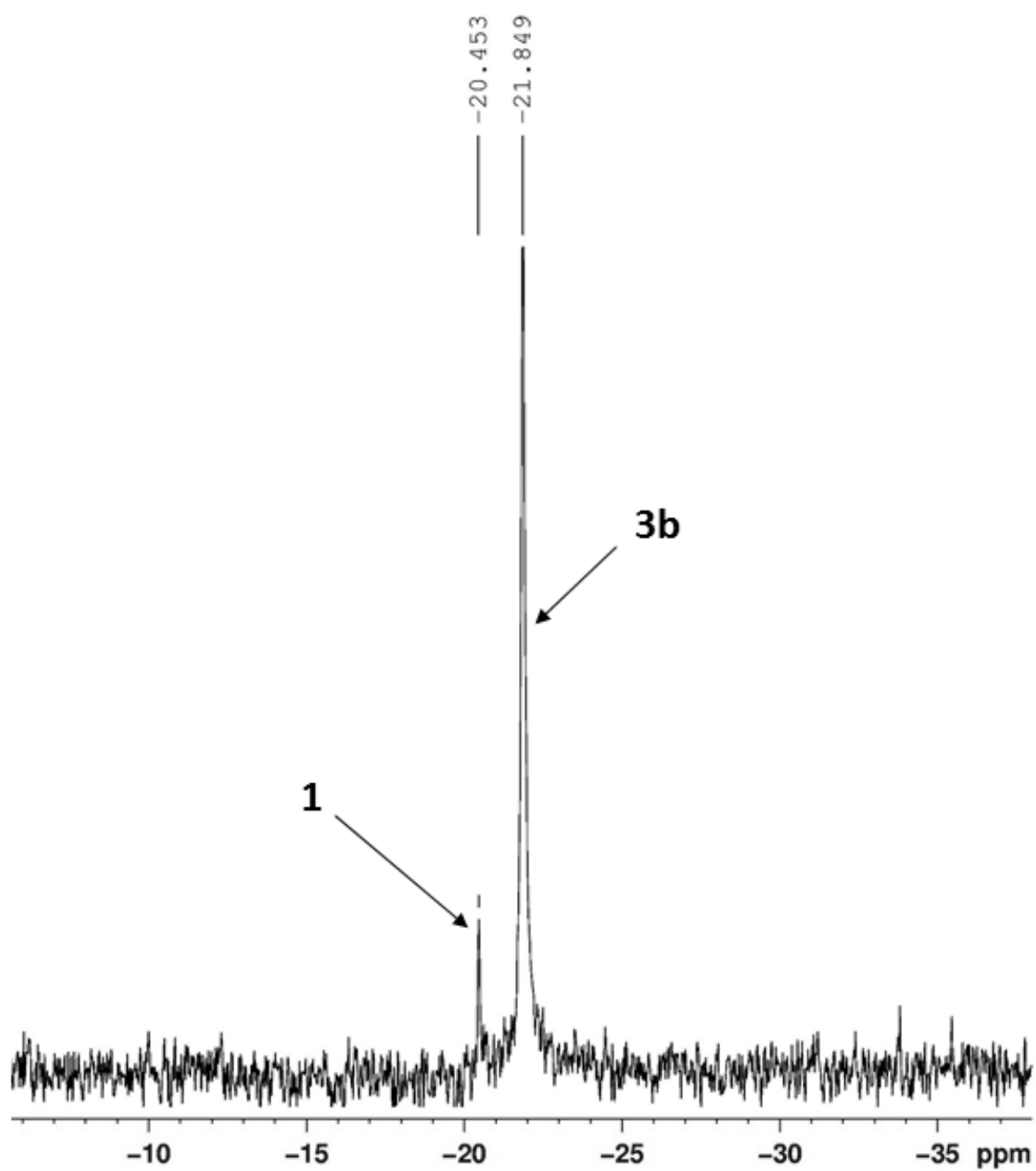


Figure S6. DOSY experiments of a **3b** (15 mg) and RAME- β -CD (15 mg) in DMSO-d₆ (500 μ L) at 25 $^{\circ}$ C.

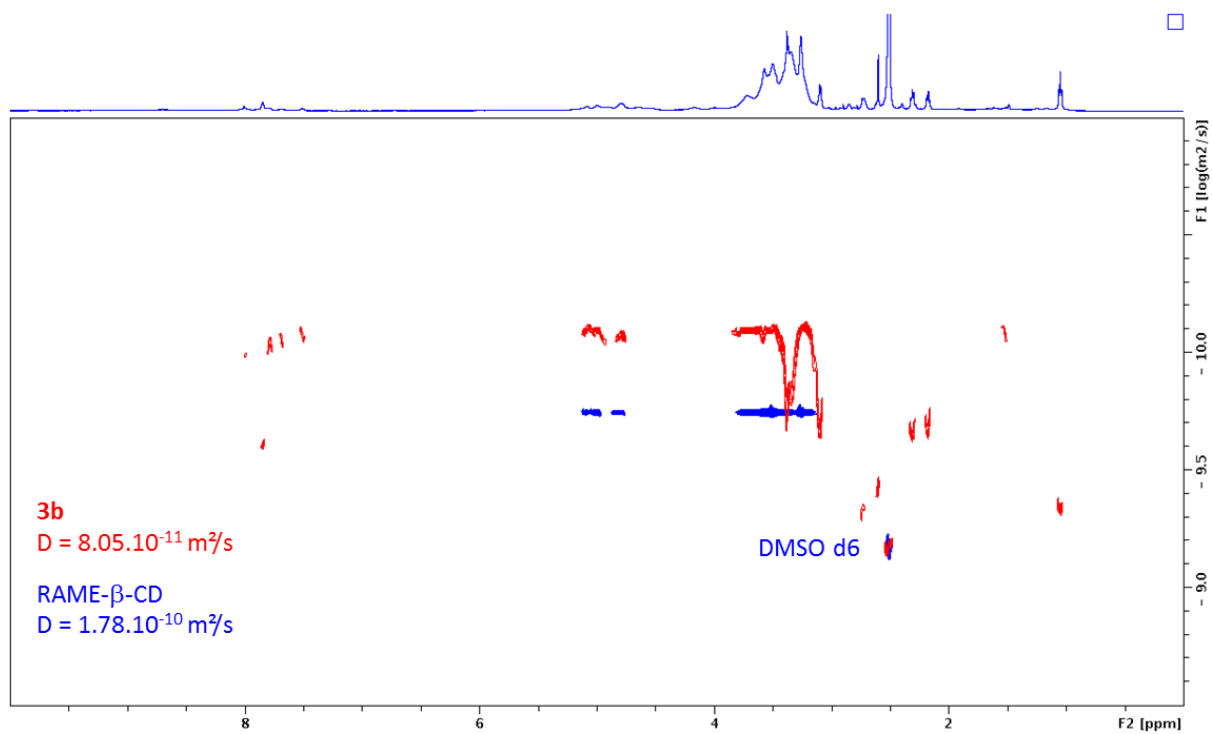


Figure S7. DOSY spectra of mixtures of **3b** (15 mg) and various amounts of RAME- β -CD in DMSO-d₆ (500 μ L) at 25 $^{\circ}$ C.

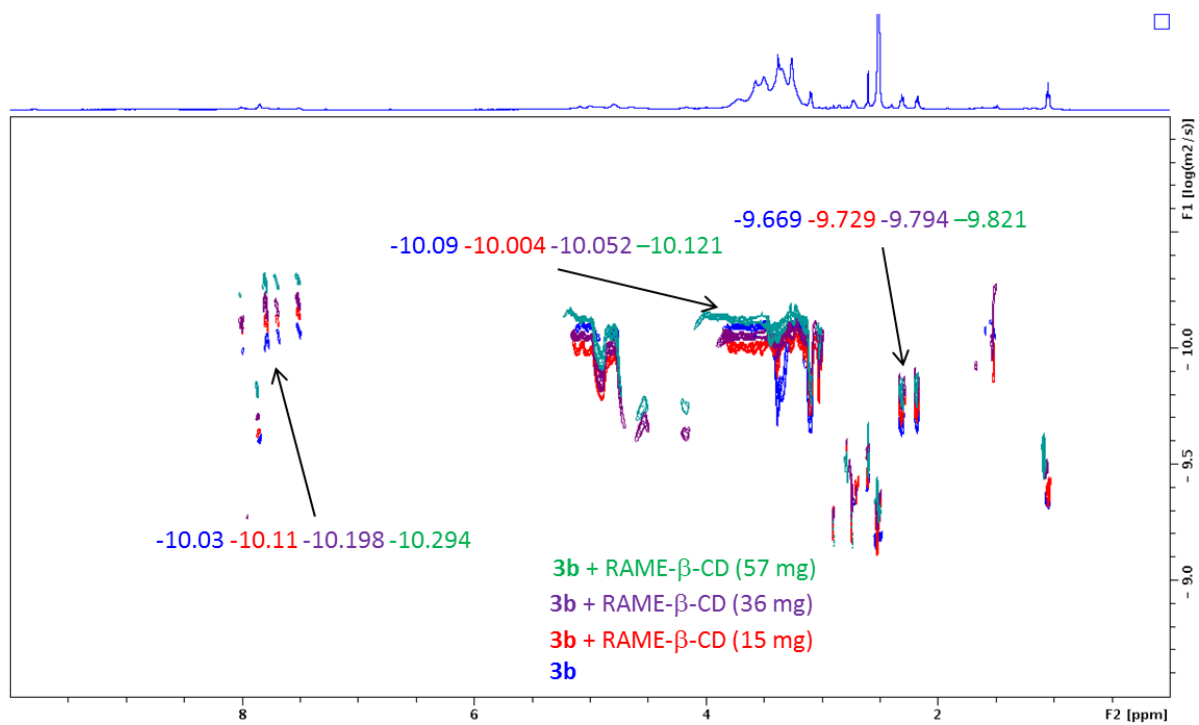


Figure S8. DOSY spectra of **3b** (15 mg) and RAME- β -CD (15 mg) in D₂O (500 μ L) at 25 $^{\circ}$ C.

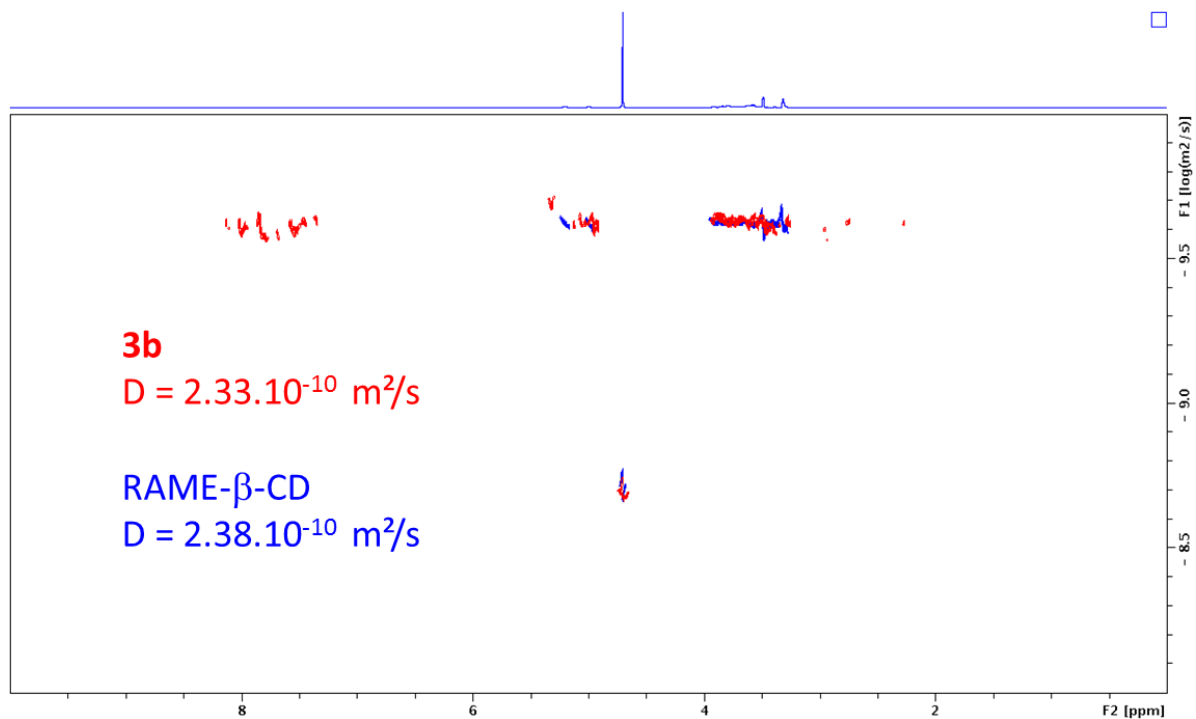


Figure S9. DOSY spectra of mixtures of **3b** (15 mg) and various amounts of RAME- β -CD in D₂O (500 μ L) at 25 °C.

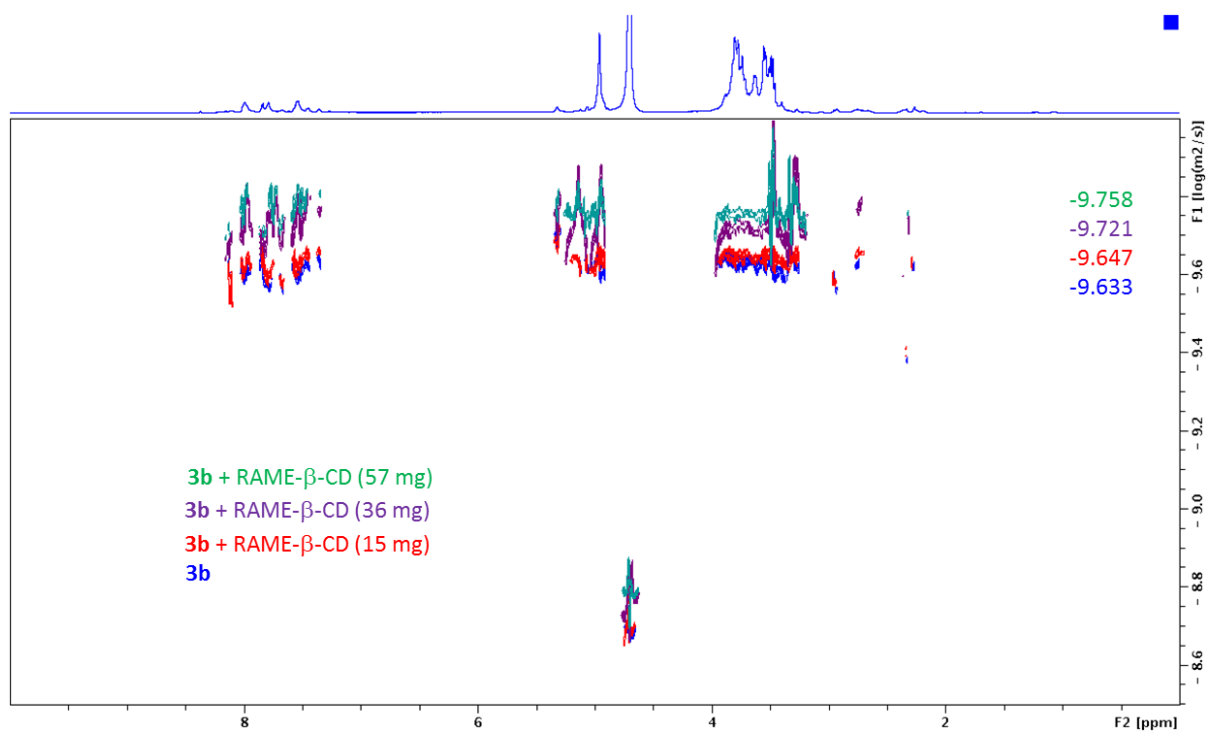


Figure S10. DOSY spectra of **3b** (15 mg) and RAME- β -CD (15 mg) in CDCl₃ (500 μ L) at 25 °C.

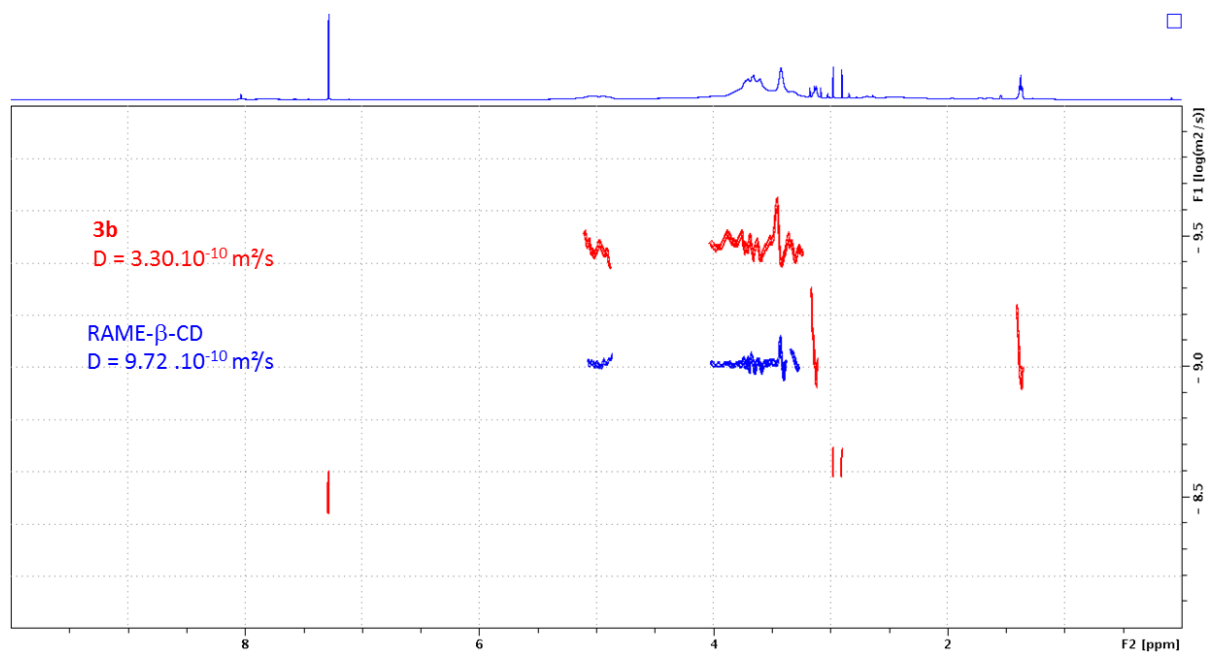


Figure S11. DOSY spectra of **3b** (15 mg) and a mixture of **3b** (15 mg) and RAME- β -CD (15 mg) in CDCl_3 (500 μL) at 25 $^\circ\text{C}$.

