**Supplementary materials**

**Figure captions**

**Figure S1.** 1H NMR spectrum of compound **1** (CD3OD, 400MHz)

**Figure S2.** 13C NMR spectrum of compound **1** (CD3OD, 100MHz)

**Figure S3.** 1H-1H COSY spectrum of compound **1** (CD3OD, 400MHz)

**Figure S4.** HSQC spectrum of compound **1** (CD3OD, 400MHz)

**Figure S5.** HMBC spectrum of compound **1** (CD3OD, 400MHz)

**Figure S6.** 1H NMR spectrum of compound **2** (CD3OD + CDCl3, 400MHz)

**Figure S7.** 13C NMR spectrum of compound **2** (CD3OD + CDCl3, 100MHz)

**Figure S8.** 1H-1H COSY spectrum of compound **2** (CD3OD + CDCl3, 400MHz)

**Figure S9.** HSQC spectrum of compound **2** (CD3OD + CDCl3, 400MHz)

**Figure S10.** HMBC spectrum of compound **2** (CD3OD + CDCl3, 400MHz)

**Figure S11.** 1H NMR spectrum of compound **3** (CD3OD + CDCl3, 400MHz)

**Figure S12.** 13C NMR spectrum of compound **3** (CD3OD + CDCl3, 100MHz)

**Figure S13.** 1H-1H COSY spectrum of compound **3** (CD3OD + CDCl3, 400MHz)

**Figure S14.** HSQC spectrum of compound **3** (CD3OD + CDCl3, 400MHz)

**Figure S15.** HMBC spectrum of compound **3** (CD3OD + CDCl3, 400MHz)