

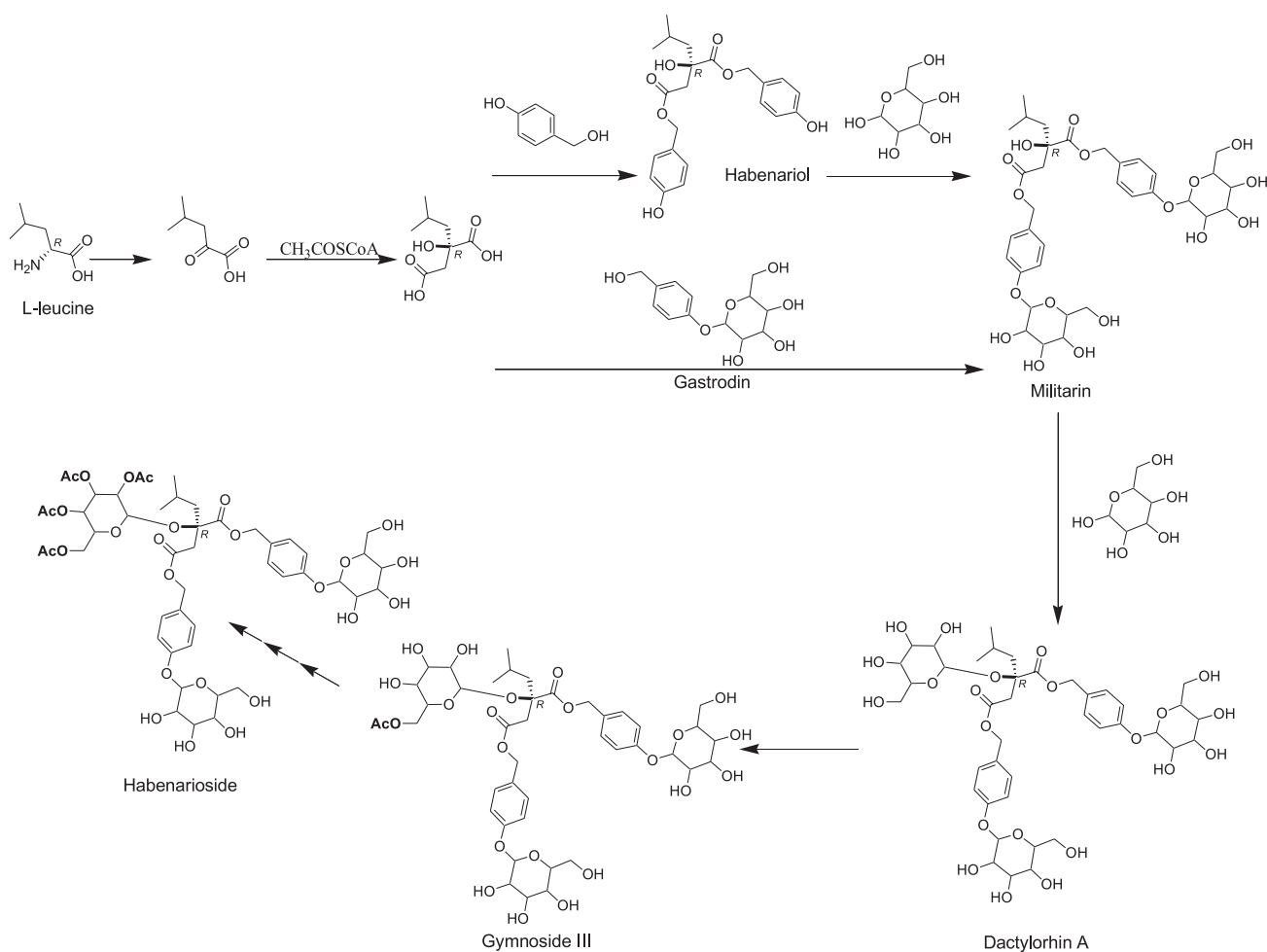
## Chemical Constituents of *Habenaria petalodes* Lindl. (Orchidaceae)

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Scheme S1. Proposed biosynthetic routes to habenarioside.

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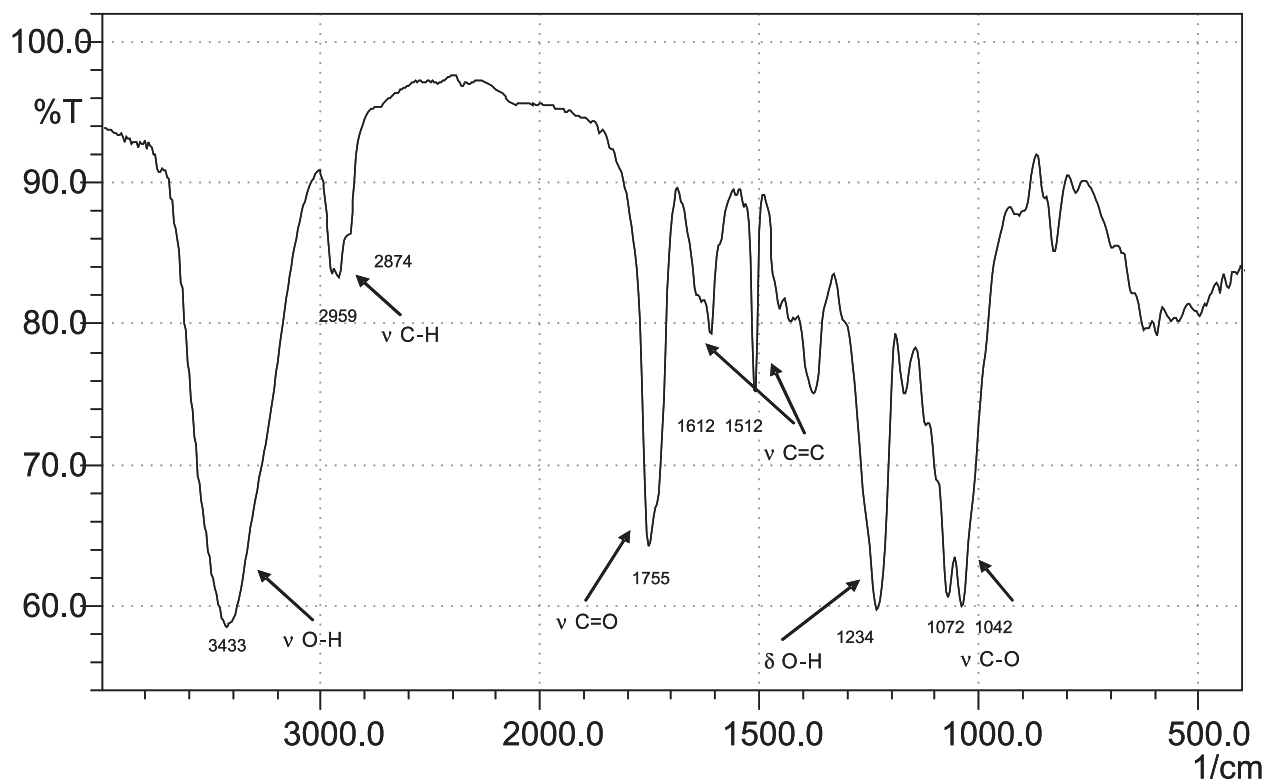


Figure S1. Infrared spectrum of **4** (KBr,  $\text{cm}^{-1}$ ).

P17 + NaI (1:3)

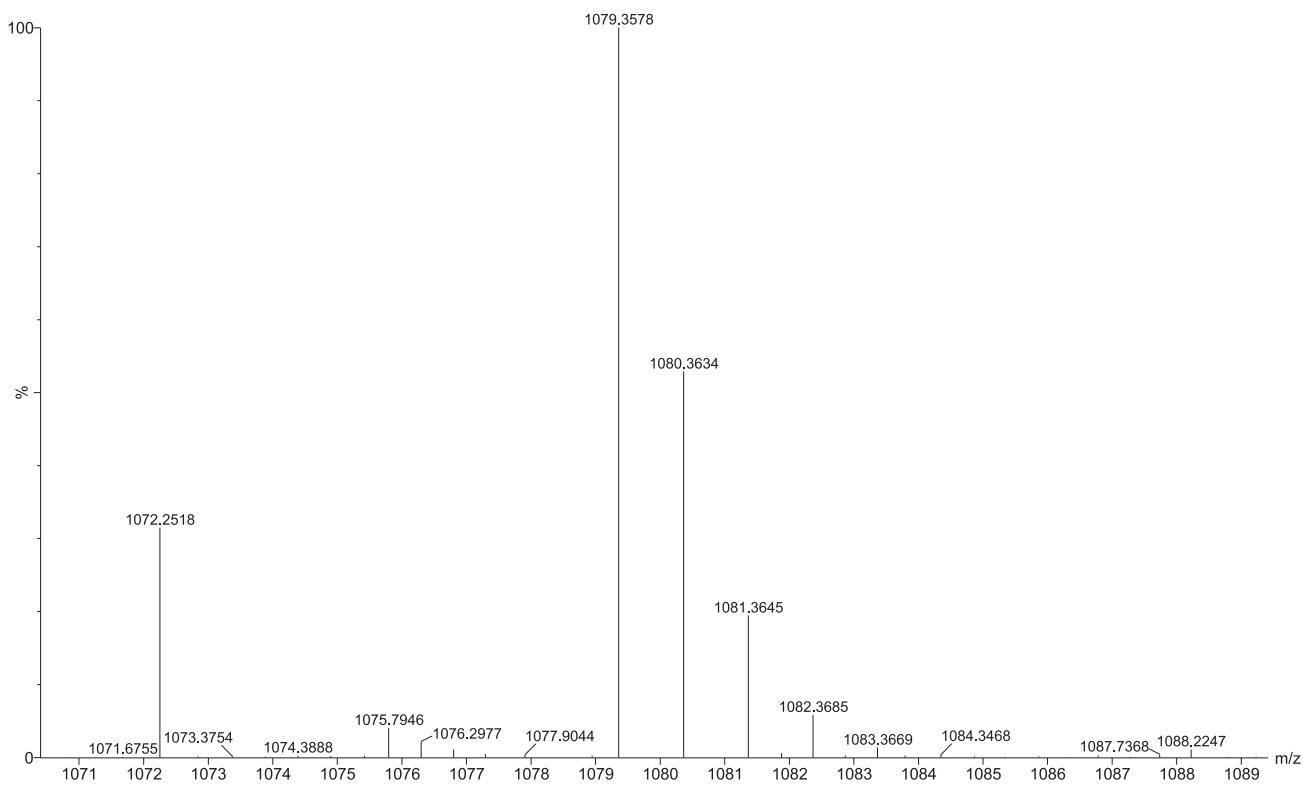


Figure S2. ESI-Q/TOFMS spectrum of **4**.

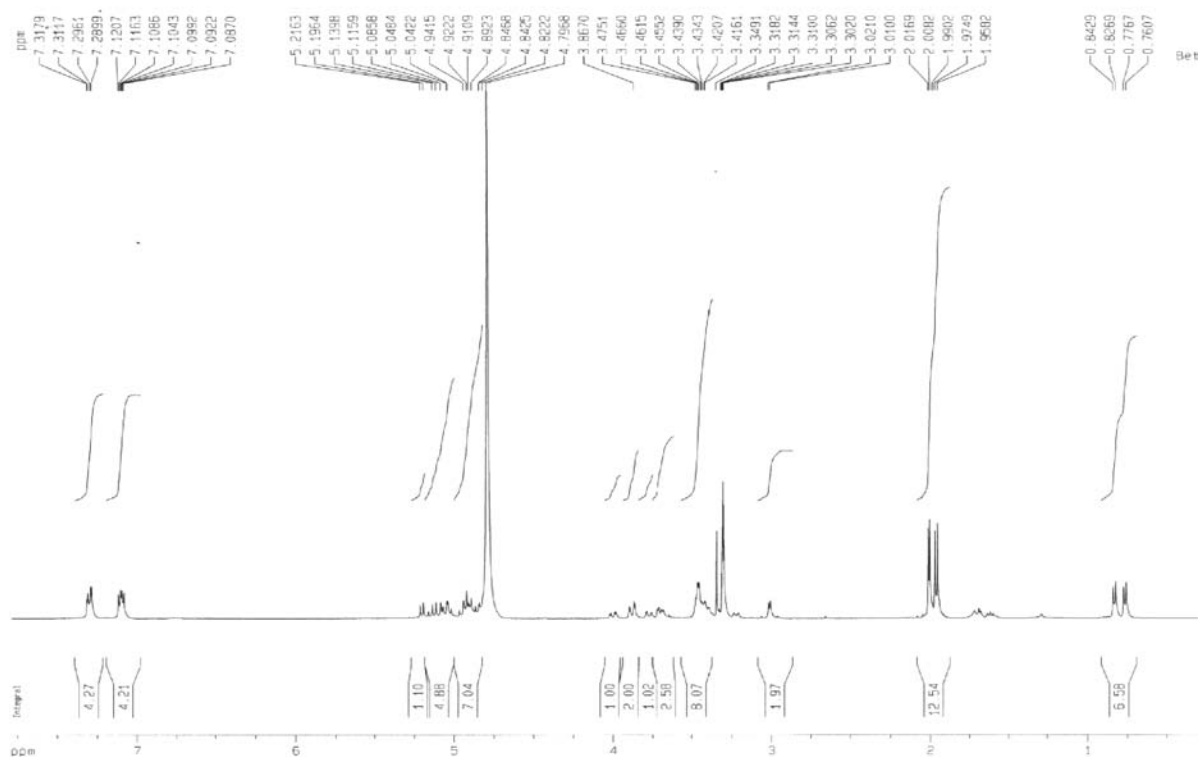


Figure S3.  $^1\text{H}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

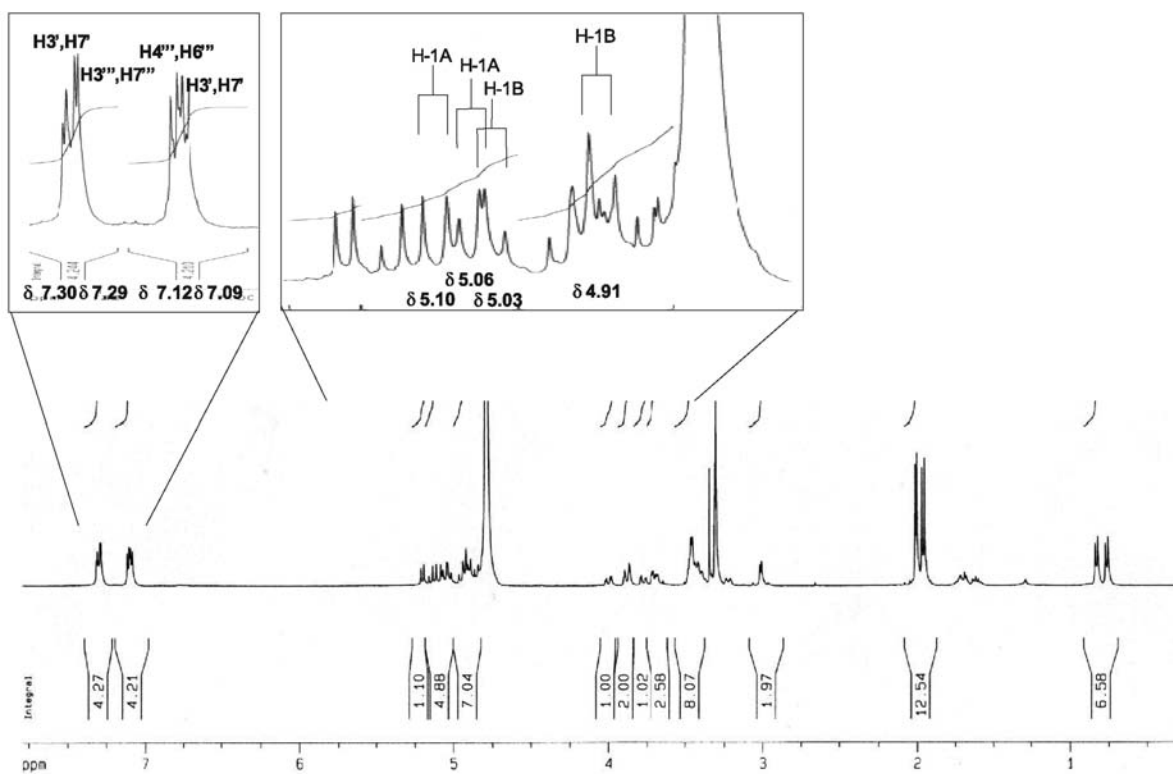


Figure S4.  $^1\text{H}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

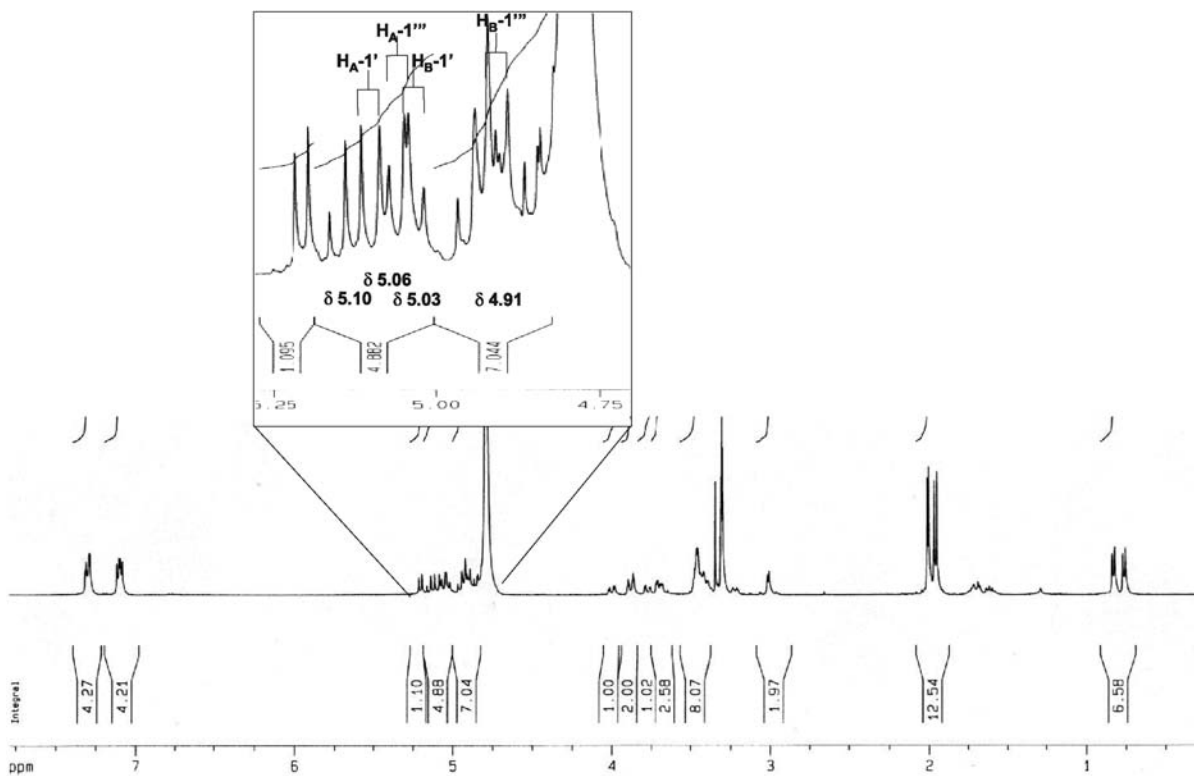


Figure S5.  $^1\text{H}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

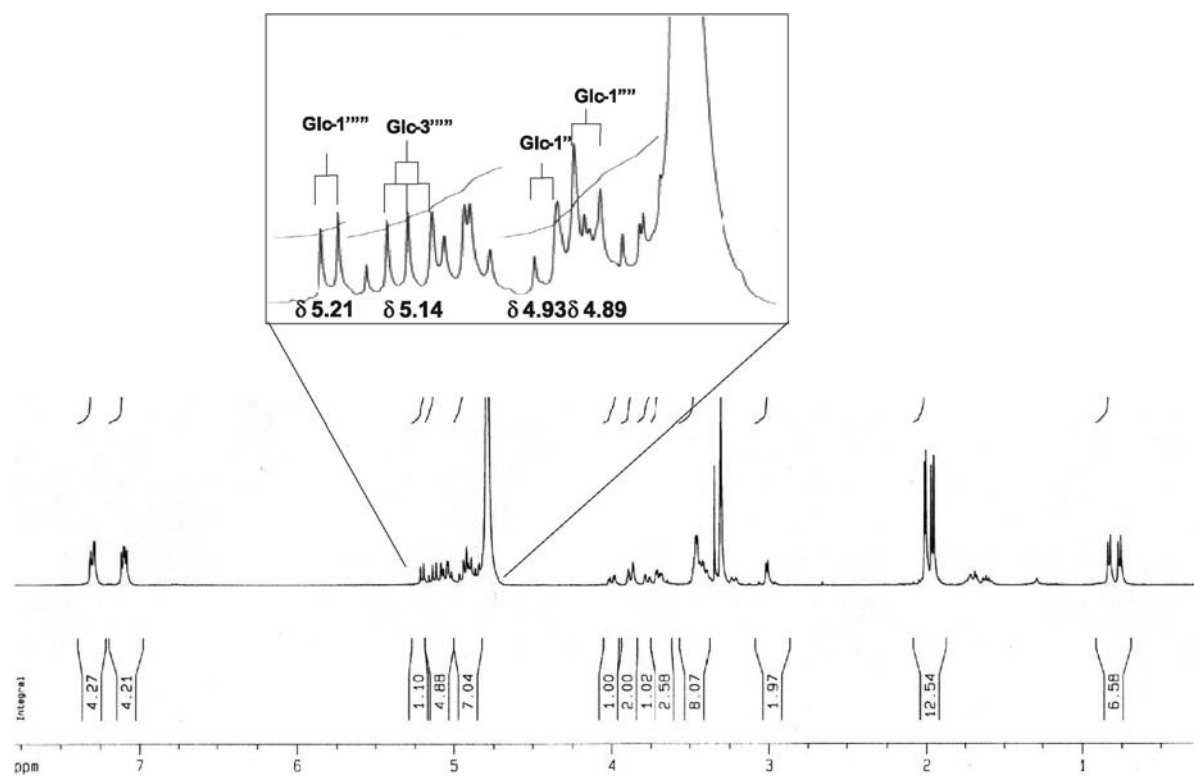


Figure S6.  $^1\text{H}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

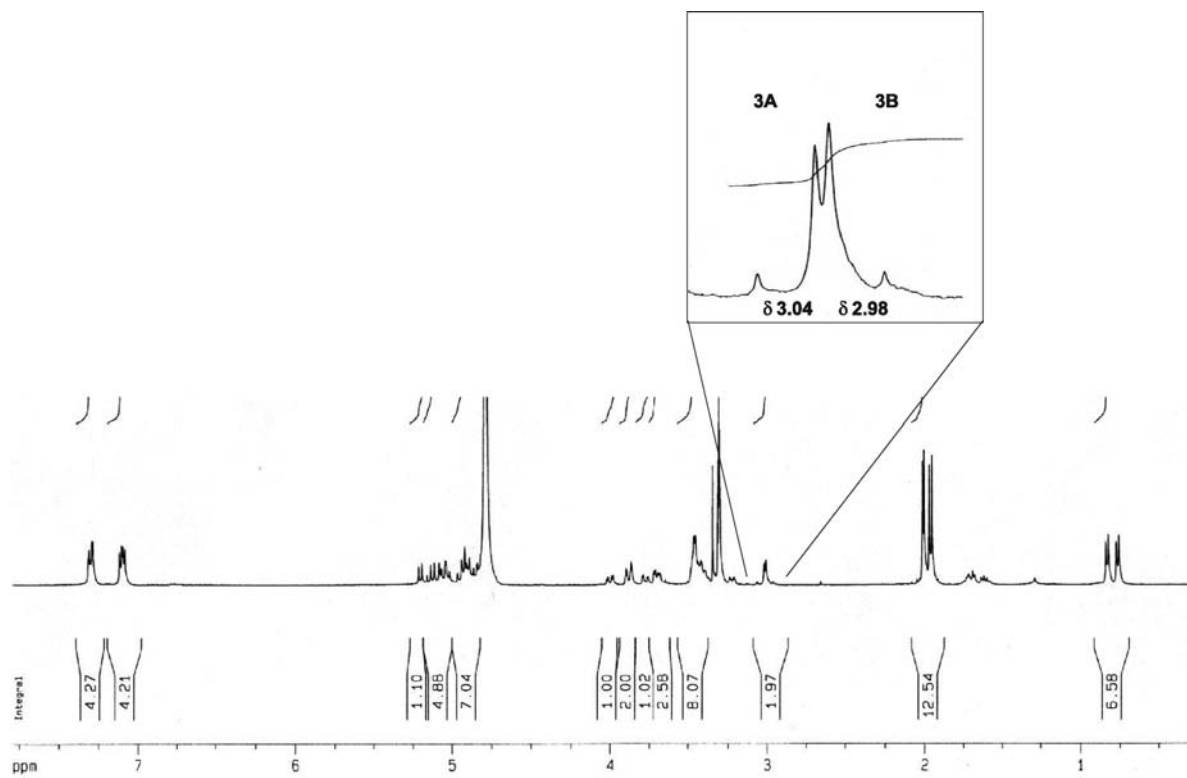


Figure S7.  $^1\text{H}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

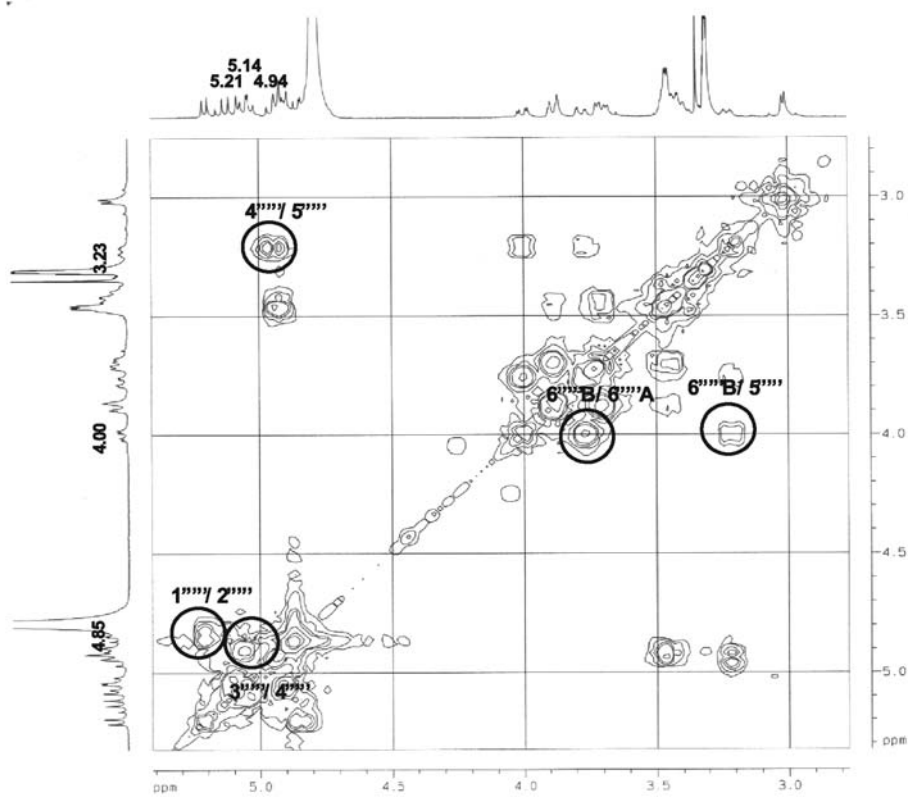


Figure S8.  $^1\text{H}$ - $^1\text{H}$  COSY NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

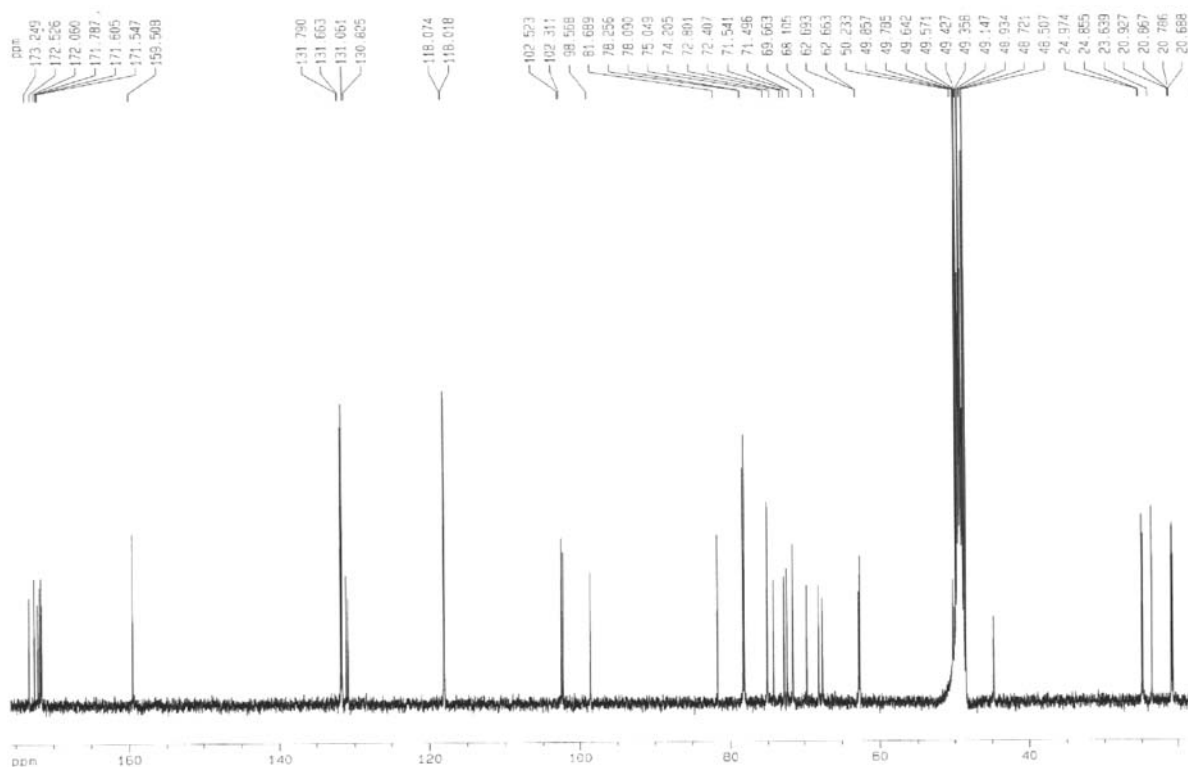


Figure S9.  $^{13}\text{C}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

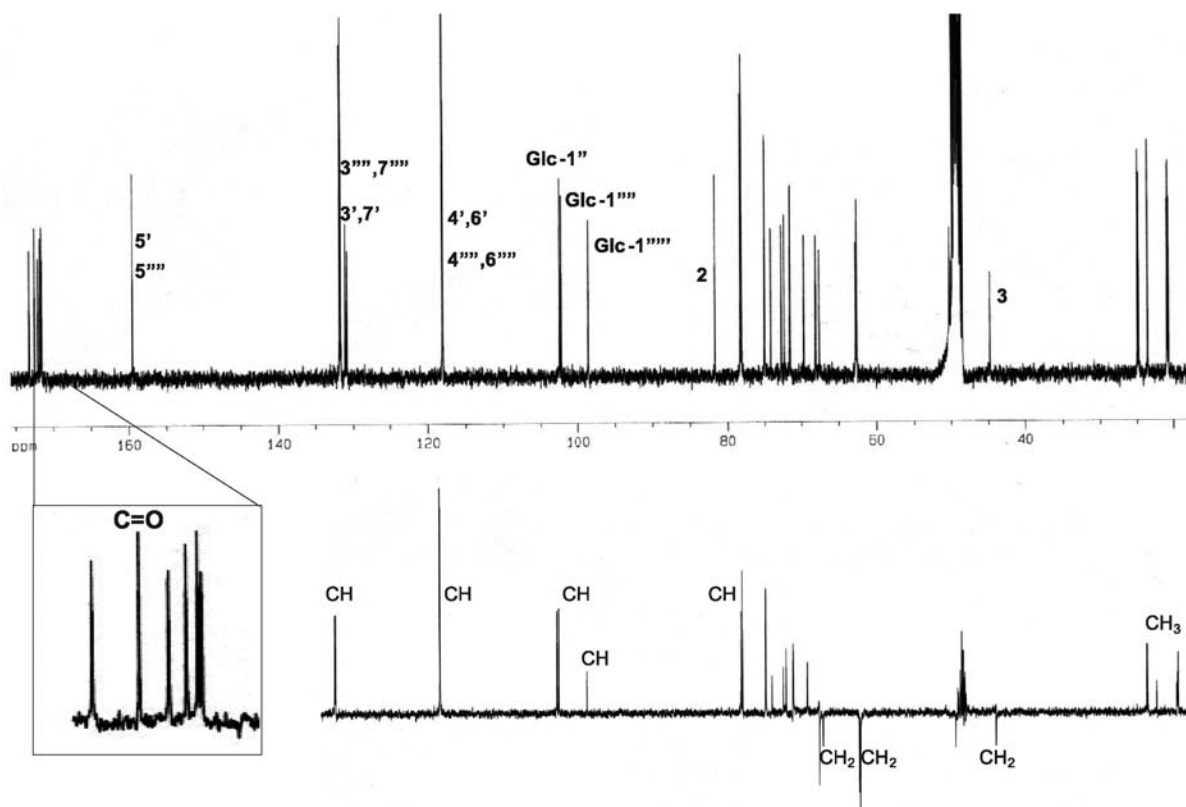


Figure S10.  $^{13}\text{C}$  NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

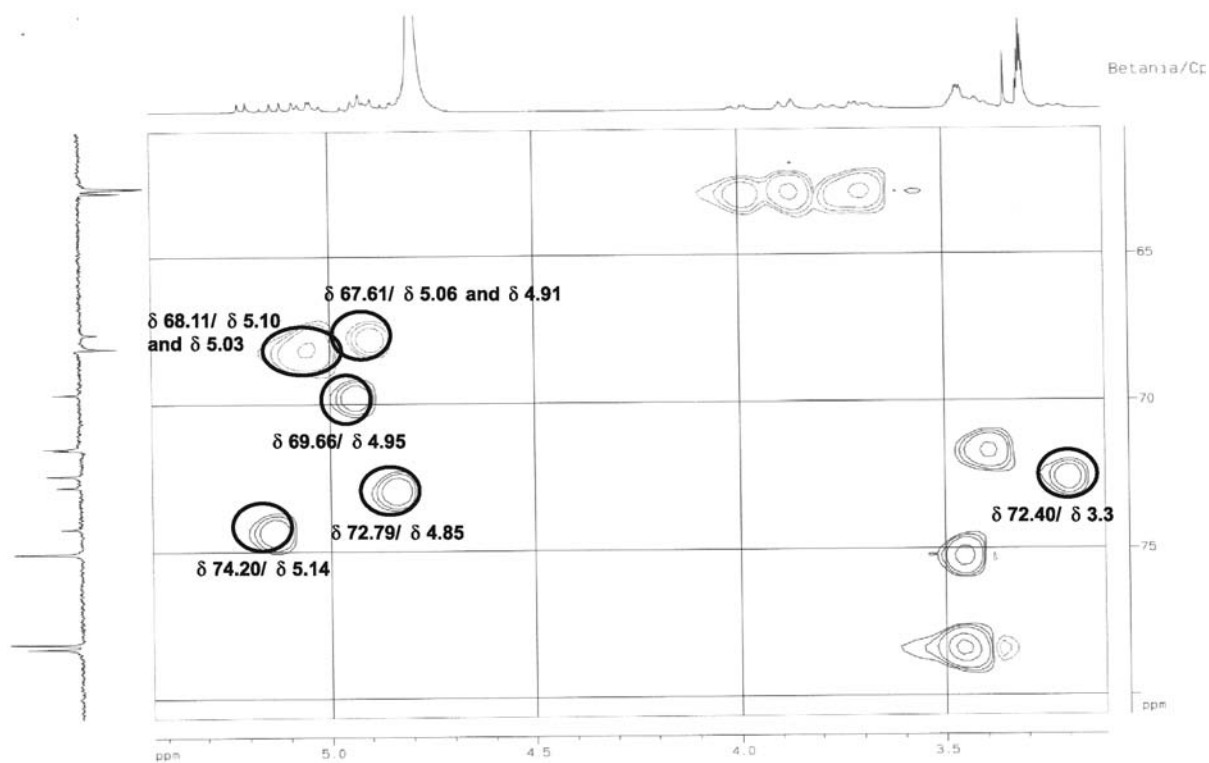


Figure S11.  $^1\text{H}$ - $^{13}\text{C}$  HMBC NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

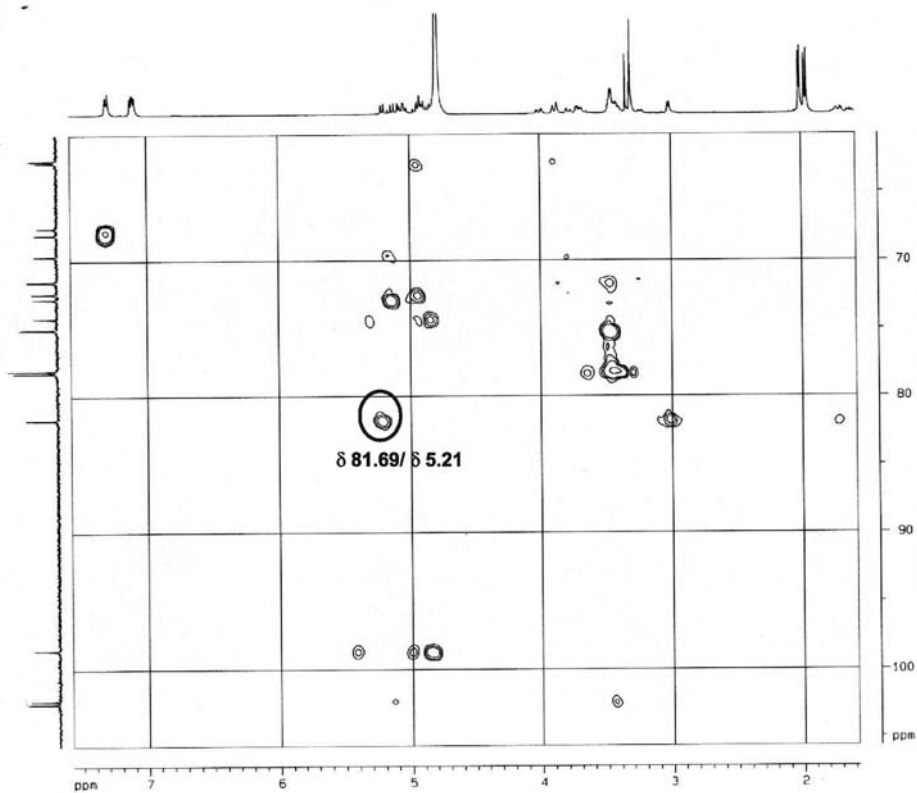


Figure S12.  $^1\text{H}$ - $^{13}\text{C}$  HMBC NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm).

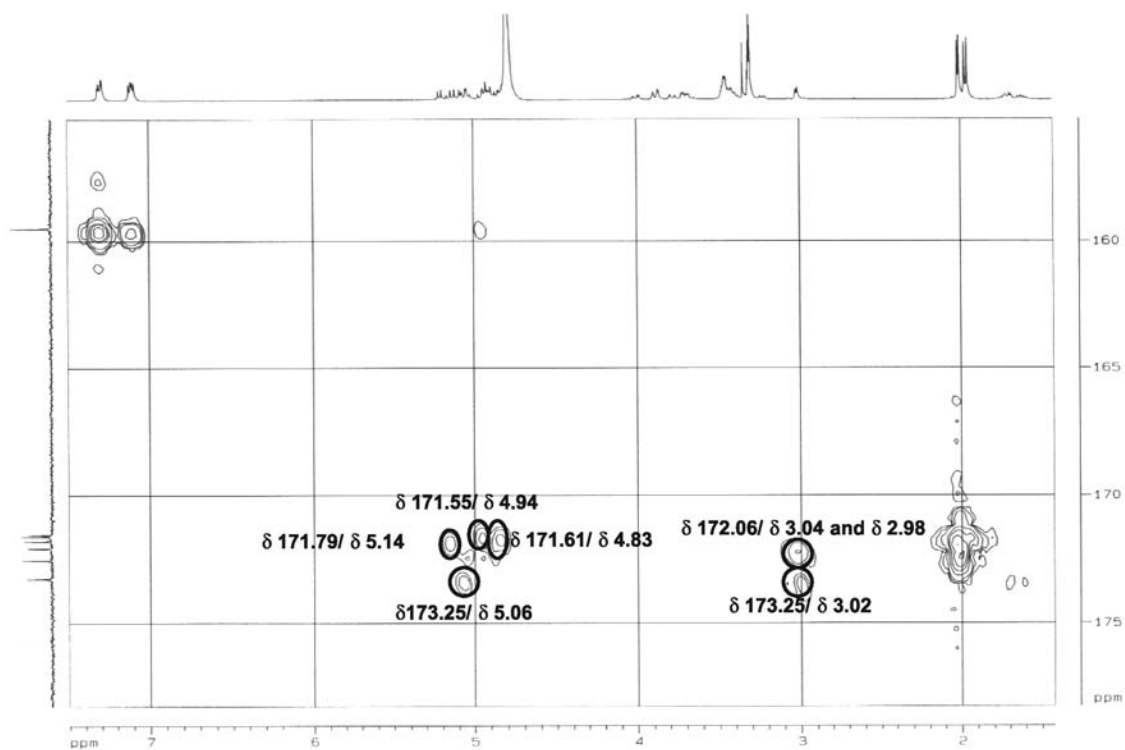


Figure S13.  $^1\text{H}$ - $^{13}\text{C}$  HMBC NMR spectrum of **4** ( $\text{CD}_3\text{OD}$ , ppm)