

Supplementary Material

Concise, three-step enantioselective total synthesis of (4*S*,5*S*)-4-hydroxy-5-octylpyrrolidin-2-one, a colibactin pathway metabolite

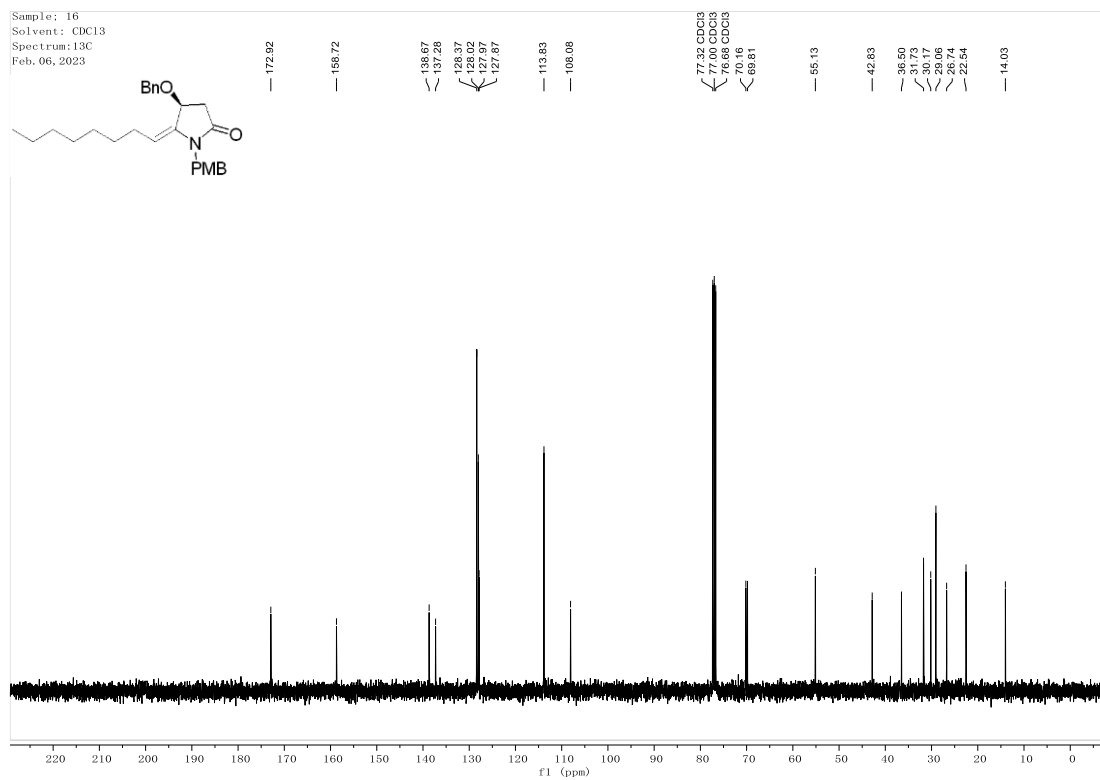
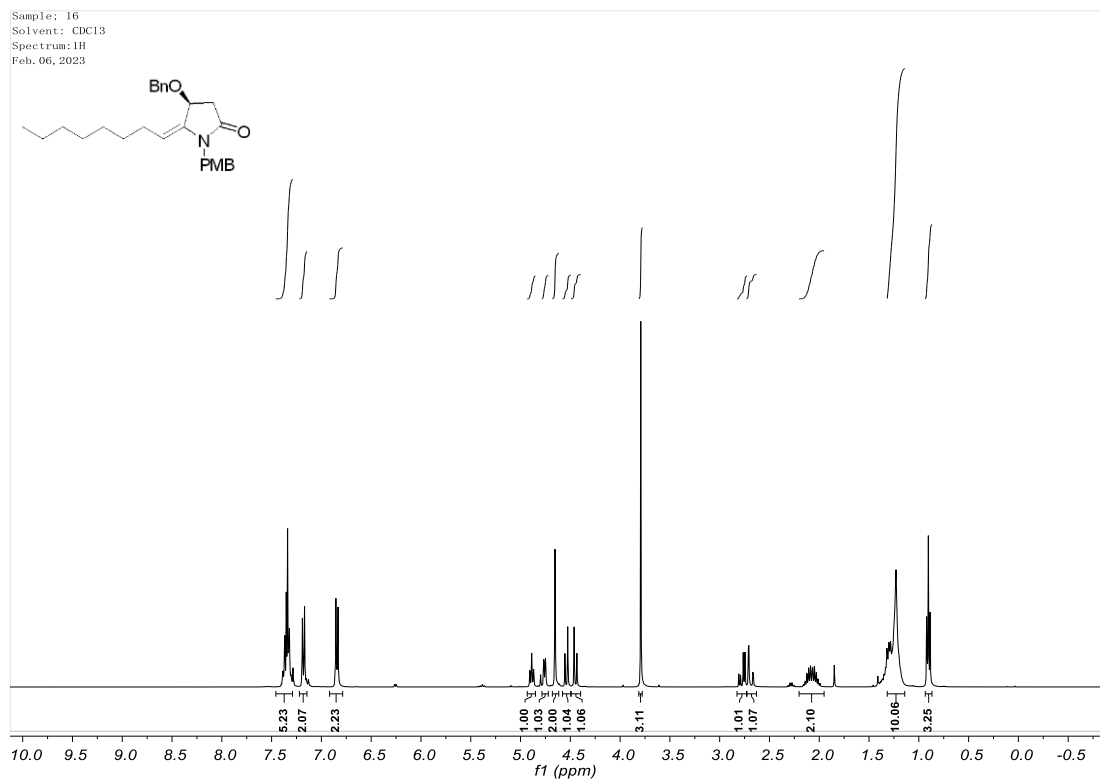
Dong-Yang Shao and Pei-Qiang Huang*

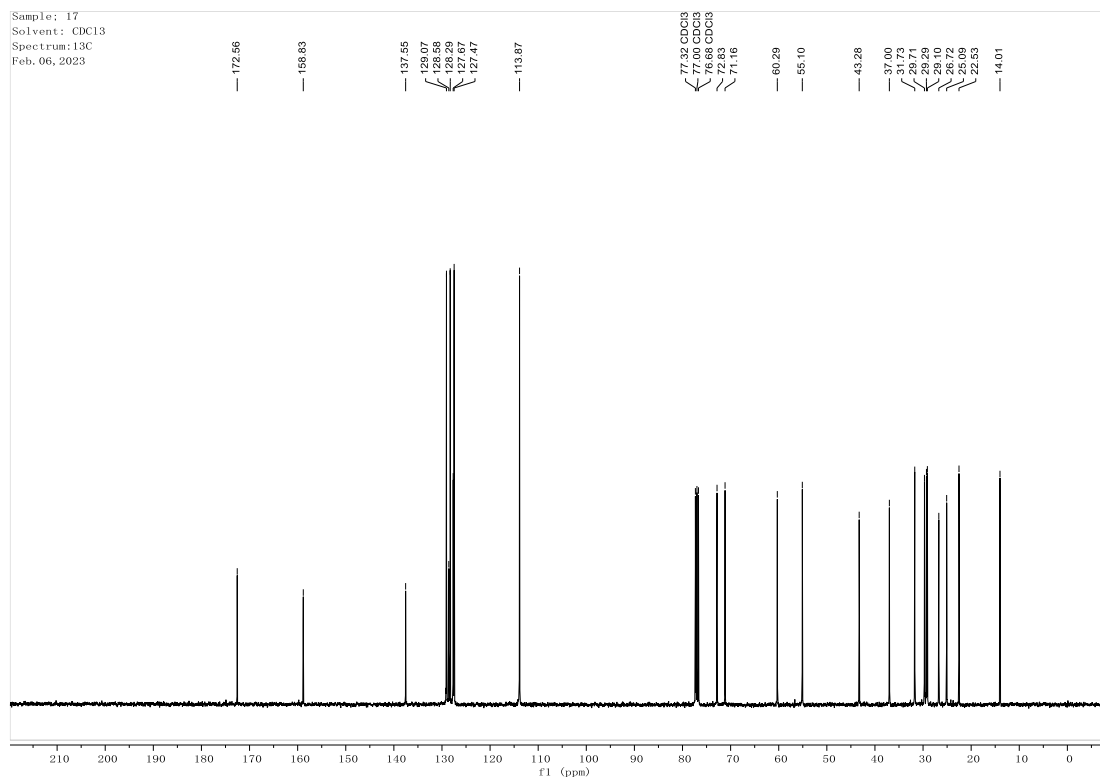
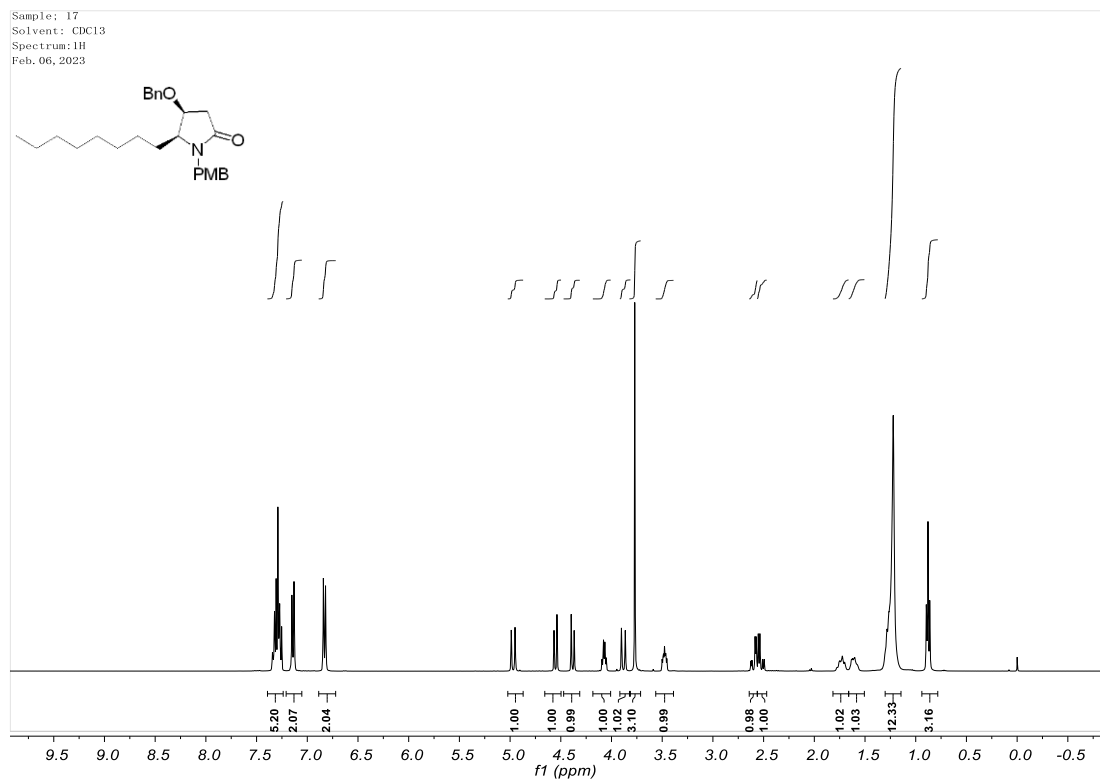
Department of Chemistry, Fujian Provincial Key Laboratory of Chemical Biology, College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, Fujian 361005, P. R. China

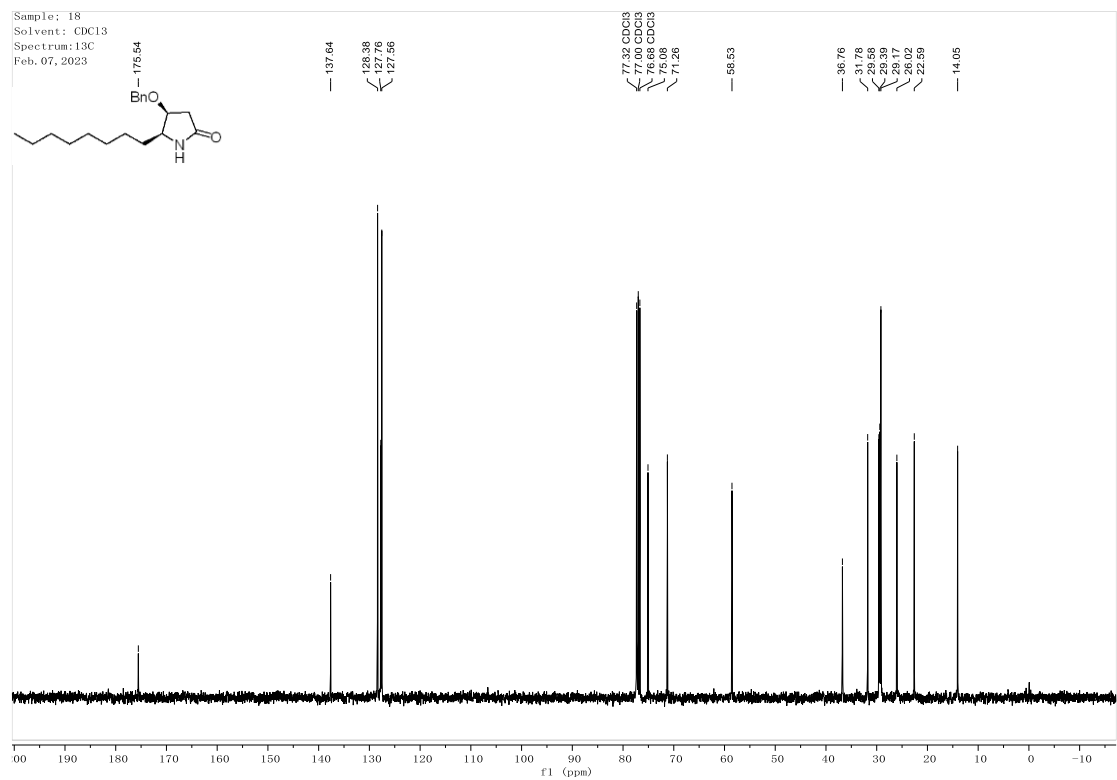
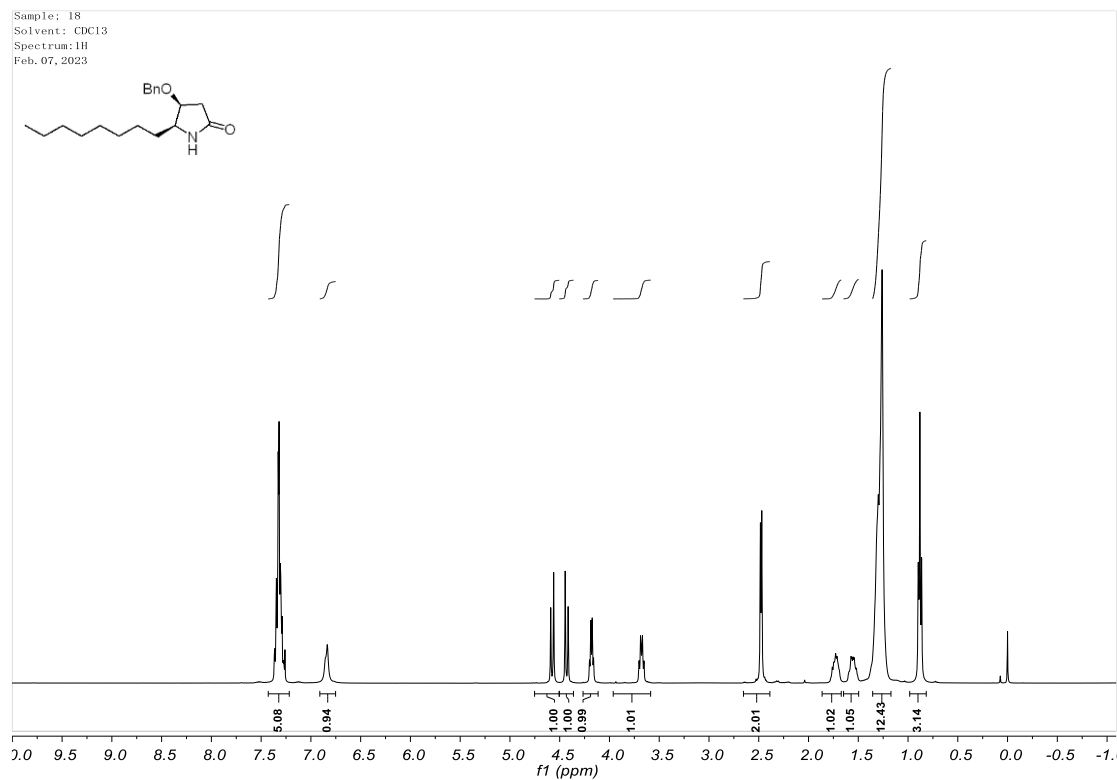
E-mail: pghuang@xmu.edu.cn

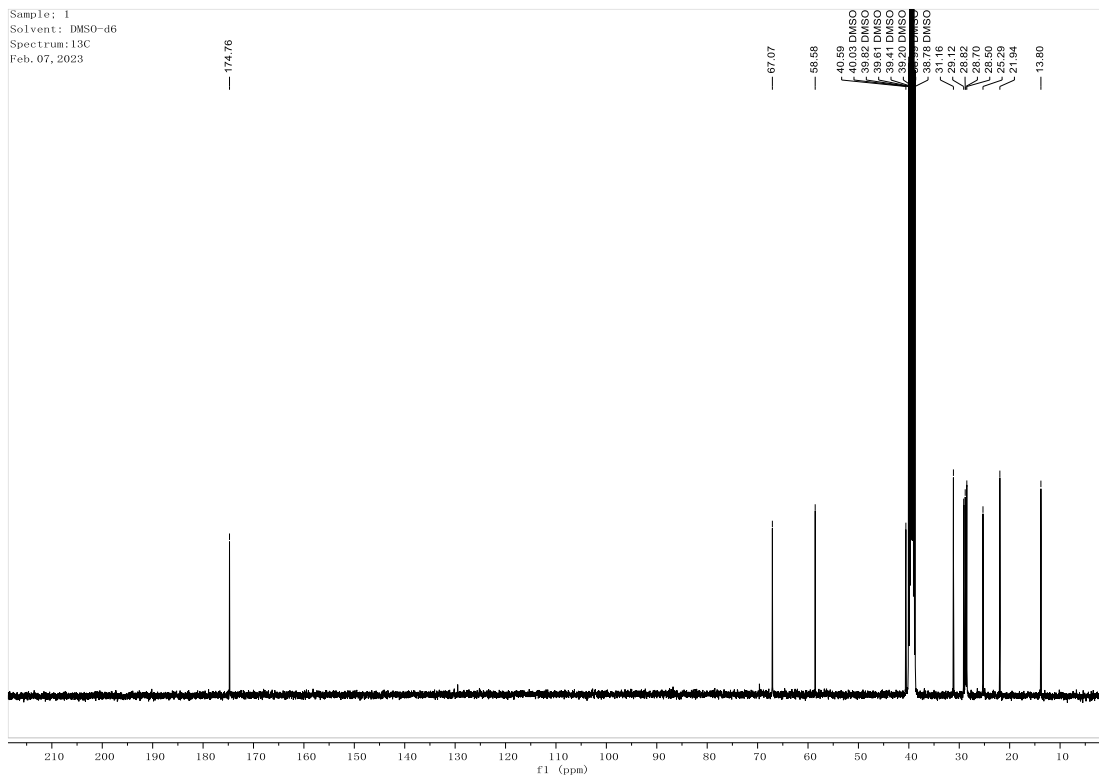
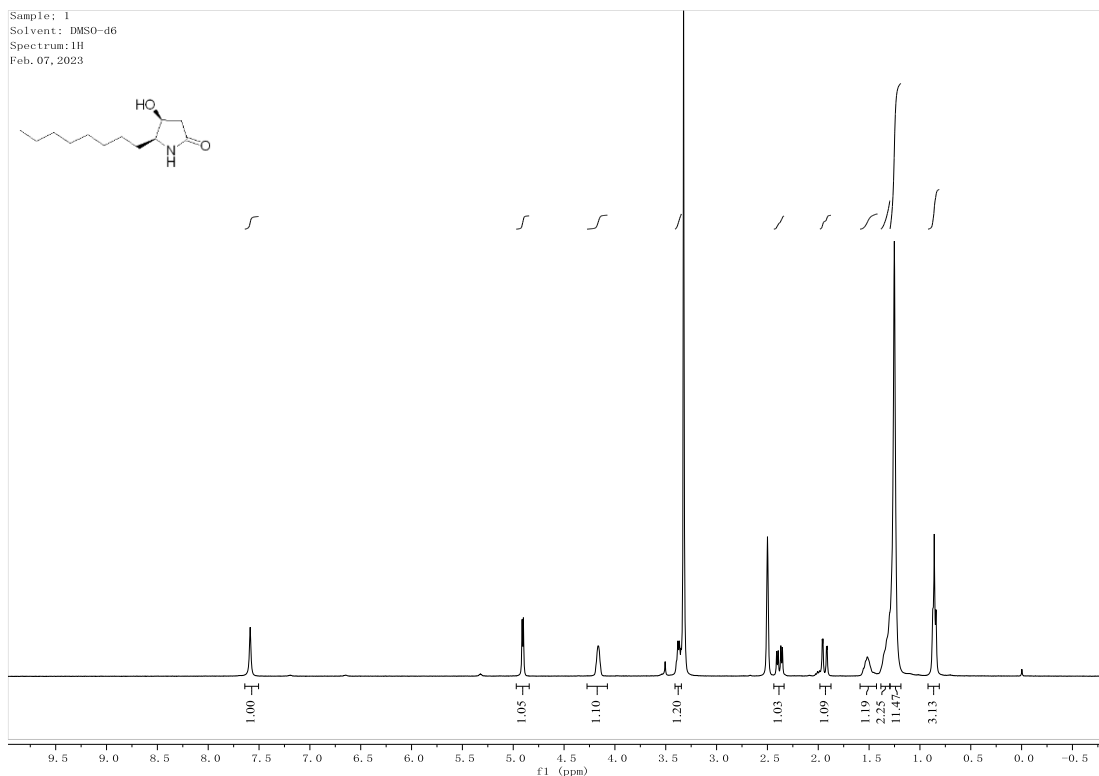
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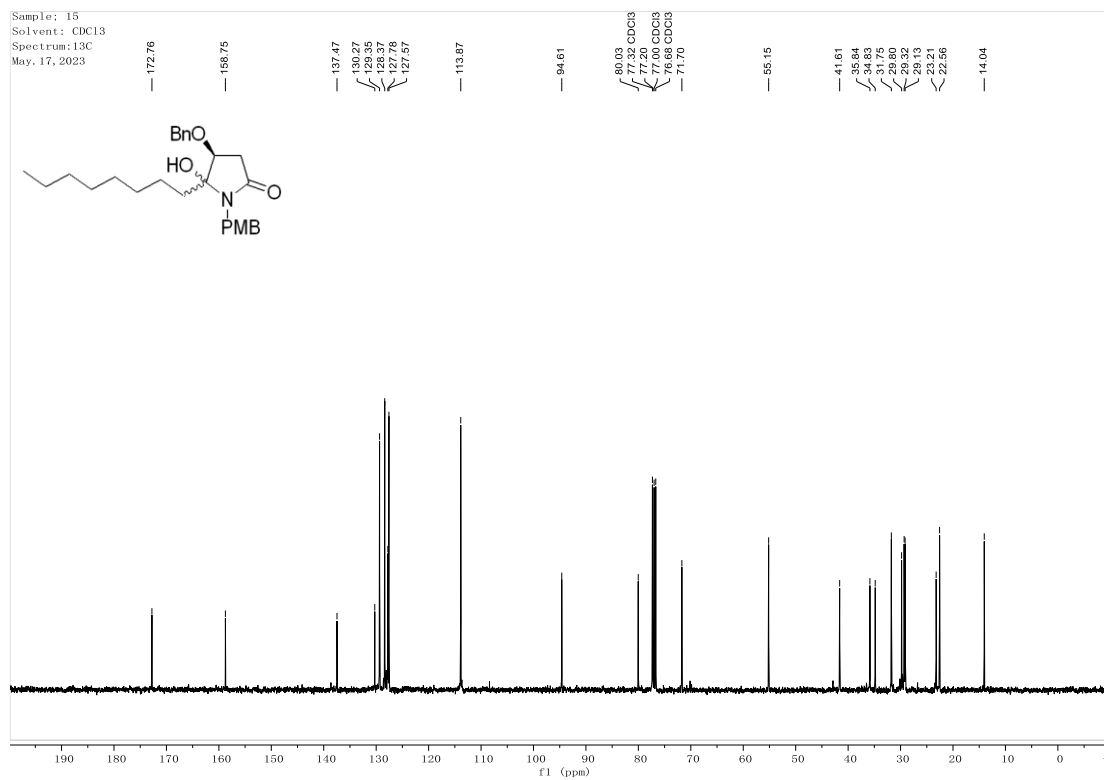
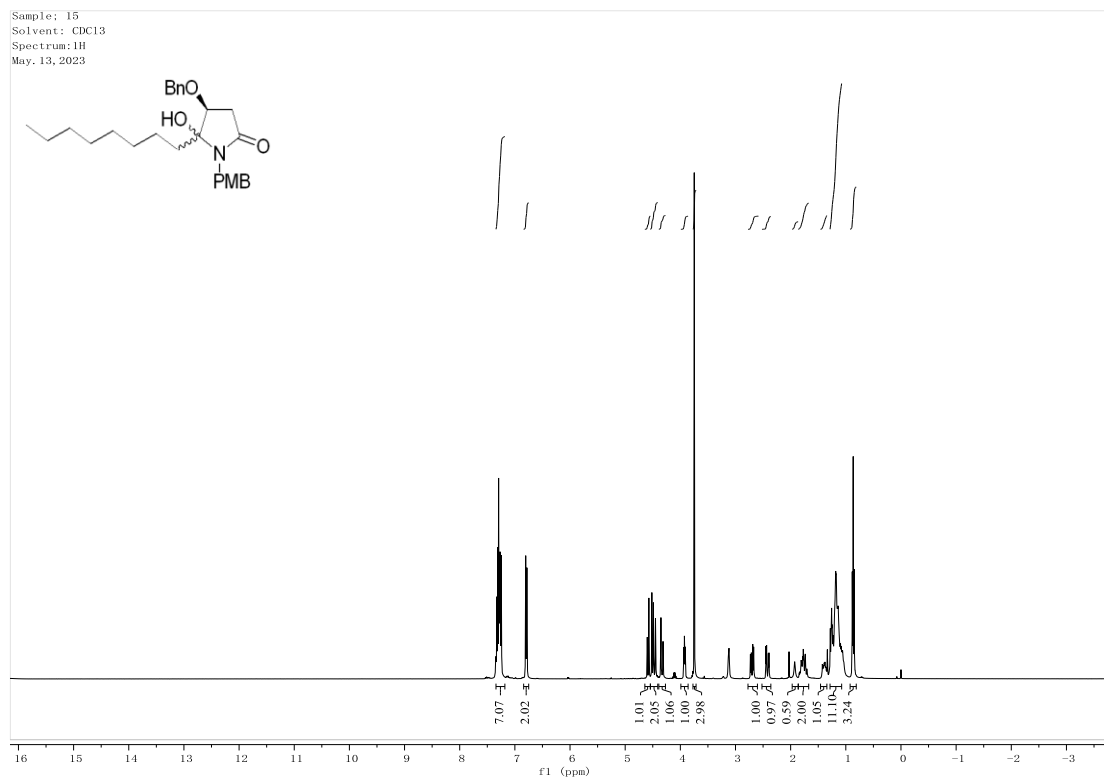
¹ H and ¹³ C NMR spectra of compounds 1 , 15 – 19	S2
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^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 16

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 17

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 18

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 1

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 15 (Major diastereomer)

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) spectra of 19