

Supplementary Material

Regio - and stereoselective synthesis of the iminosugars – 4-substituted 1-benzylpiperidine-3,5-diols

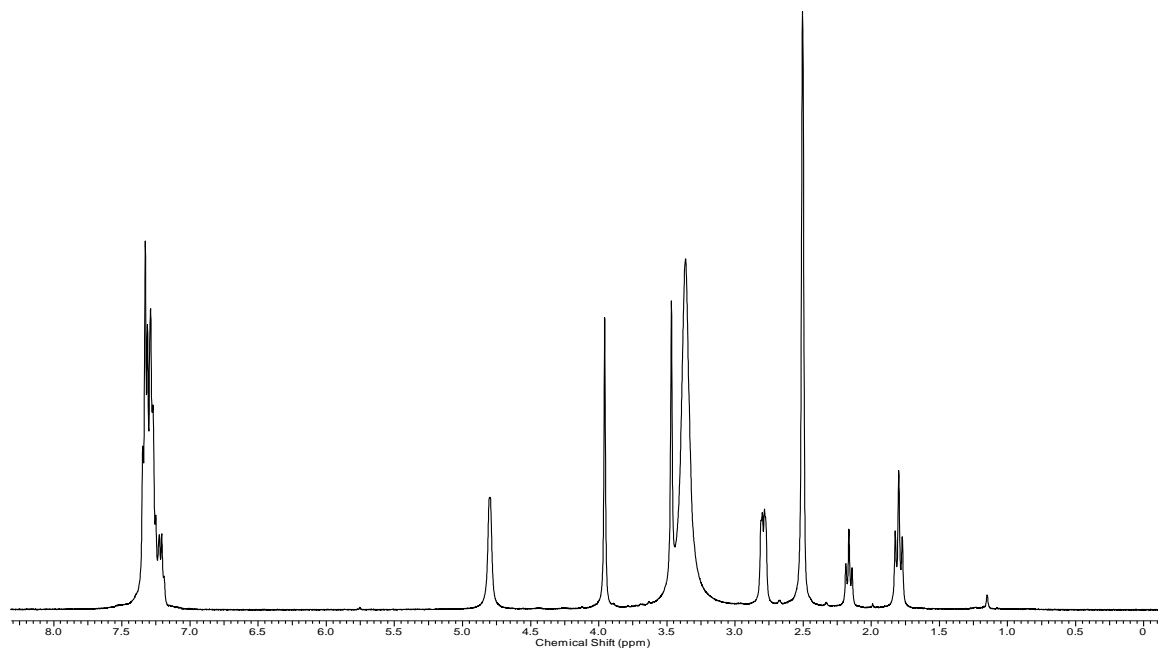
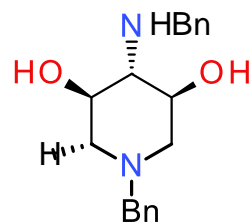
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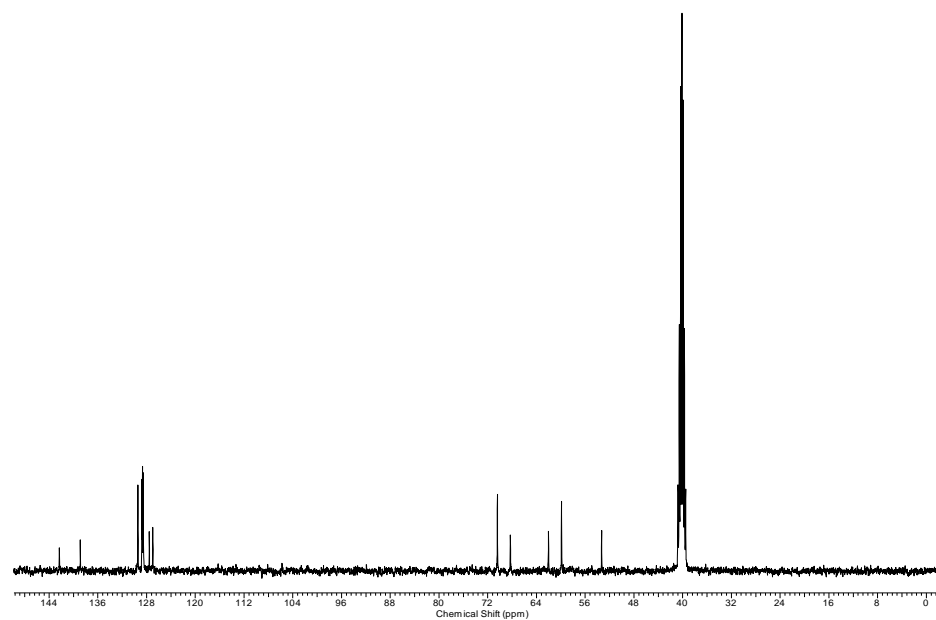
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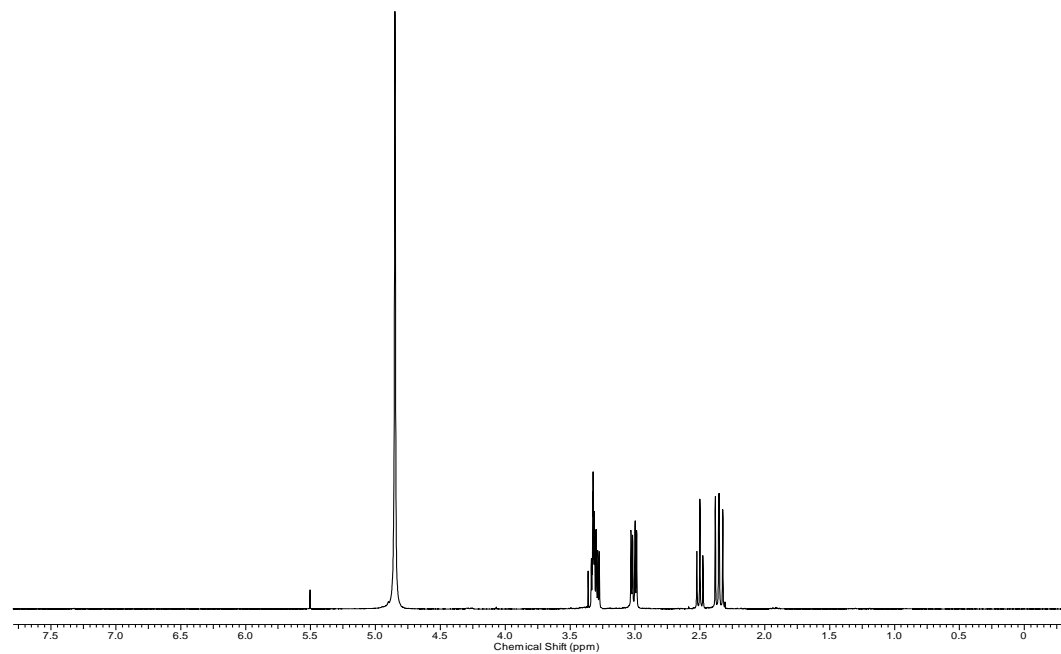
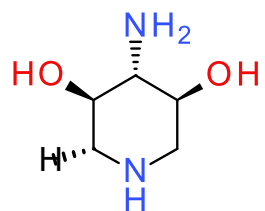
¹ H NMR spectrum (400 MHz, CD ₃ OD, DMSO d ₆) of 1-benzyl-4-benzylaminopiperidine-3,5-diol (10a)	S2
¹³ C NMR spectrum (100 MHz, CD ₃ OD, DMSO d ₆) of 1-benzyl-4-benzylaminopiperidine-3,5-diol (10a)	S3
¹ H NMR spectrum (400 MHz, CD ₃ OD) of 4-aminopiperidine-3,5-diol (11)	S4
¹³ C NMR spectrum (100 MHz, CD ₃ OD) of 4-aminopiperidine-3,5-diol (11)	S5



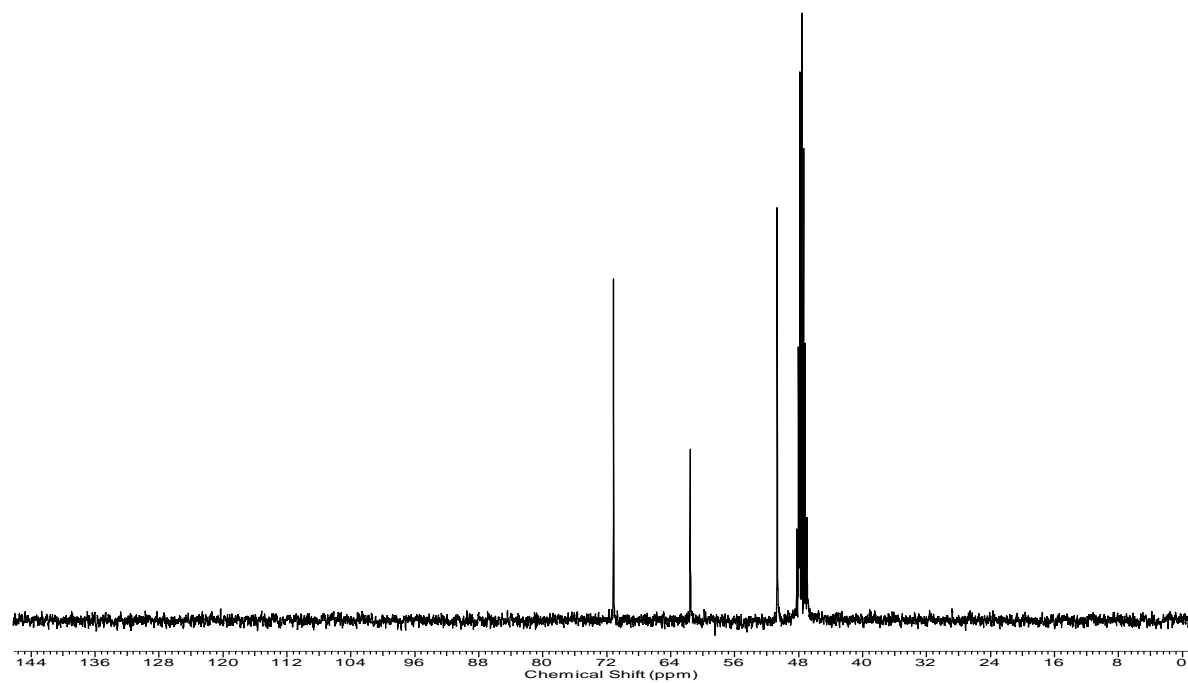
^1H NMR spectrum (400 MHz, CD_3OD , $\text{DMSO } d_6$) of 1-benzyl-4-benzylaminopiperidine-3,5-diol (**10a**).



^{13}C NMR spectrum (100 MHz, CD_3OD , $\text{DMSO}-d_6$) of 1-benzyl-4-benzylaminopiperidine-3,5-diol (**10a**).



^1H NMR spectrum (400 MHz, CD_3OD) of 4-aminopiperidine-3,5-diol (**11**).



^{13}C NMR spectrum (100 MHz, CD_3OD) of 4-aminopiperidine-3,5-diol (**11**).