

Supporting information

Isolation of ikahonone, 4-methyl-2,4-dihydroxy-3-pentanone from *Bacillus cereus*
IFM12235

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1. NMR spectrum

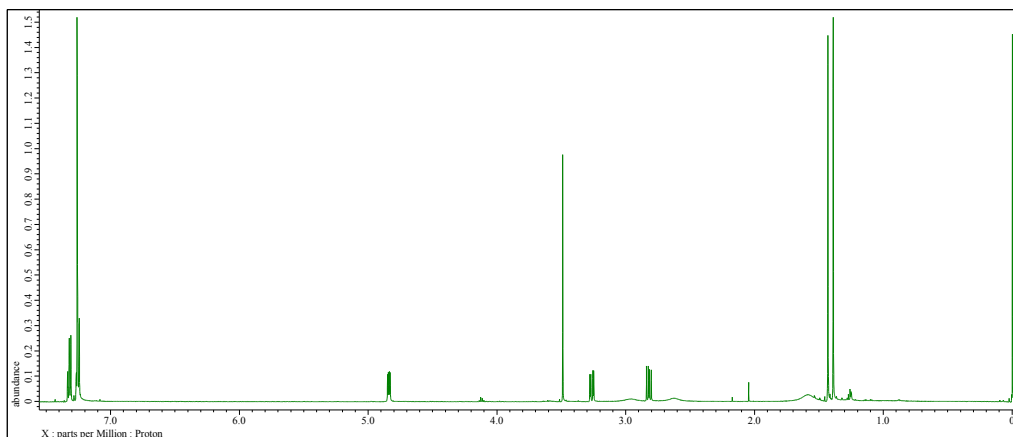


Fig. S1 The ^1H NMR spectrum of **1** in CDCl_3

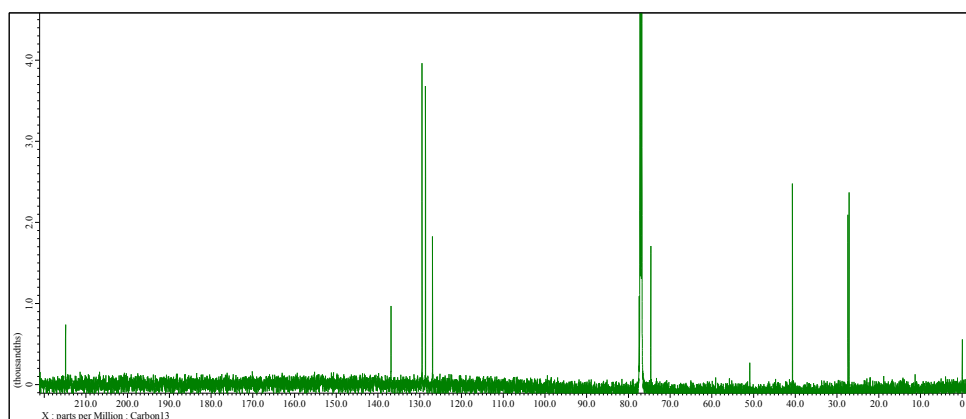


Fig. S2 The ^{13}C NMR spectrum of **1** in CDCl_3

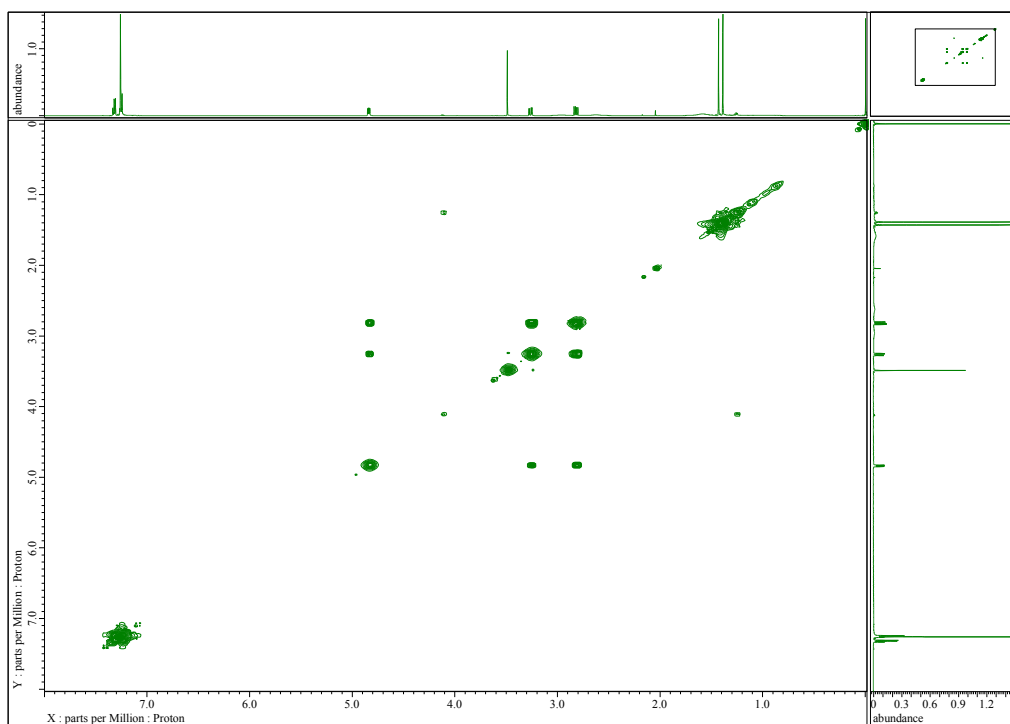


Fig. S3 The COSY spectrum of **1** in CDCl_3

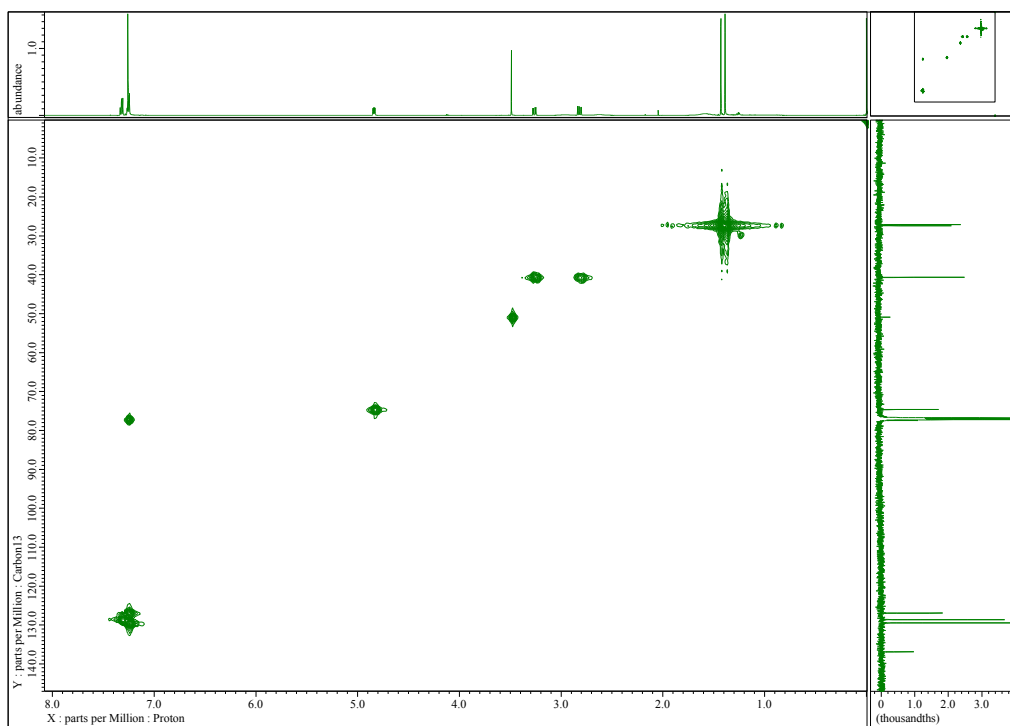


Fig. S4 The HMQC spectrum of **1** in CDCl_3

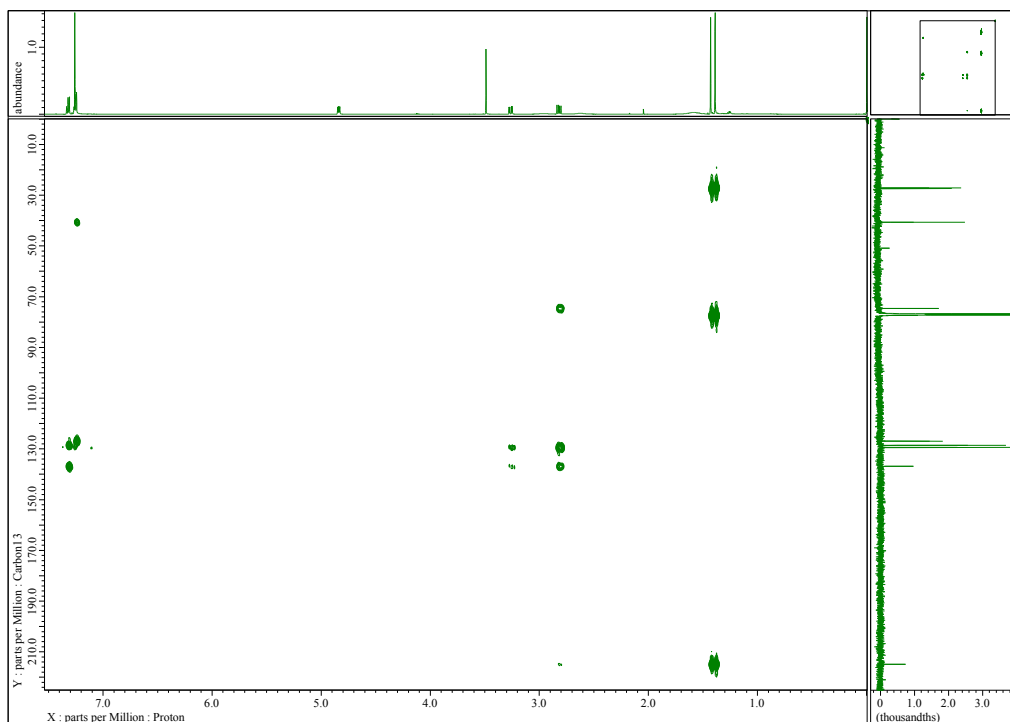


Fig. S5 The HMBC spectrum of **1** in CDCl_3

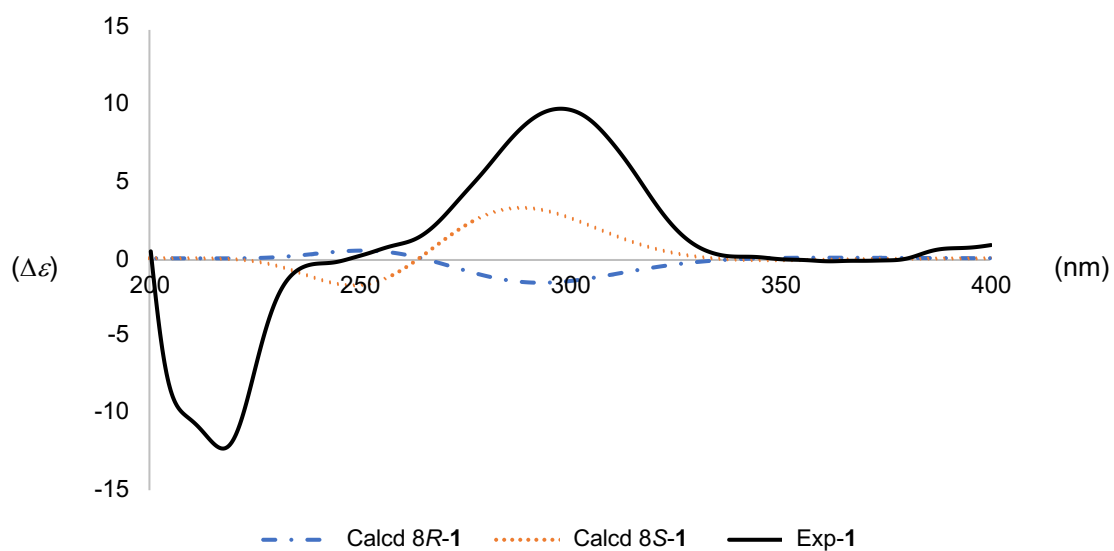


Fig. S6 The experimental ECD spectrum of **1** with calculated ECD spectra of **8R-1** and **8S-1** in MeOH

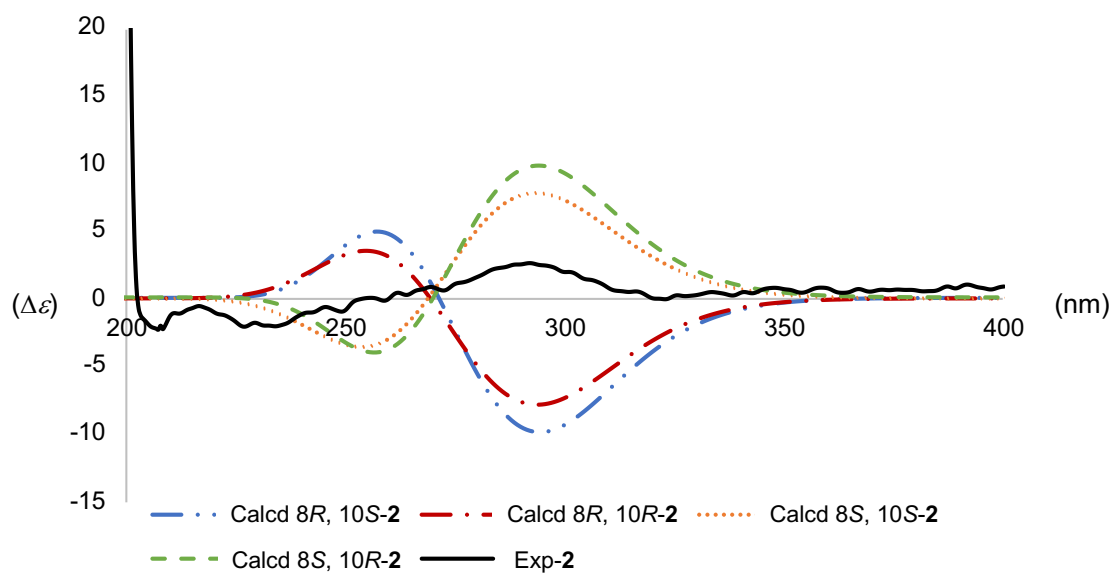


Fig. S7 The experimental ECD spectrum of **2** with calculated ECD spectra of 8R, 10S-, 8R, 10R-, 8S, 10S-, and 8S, 10R-2 in MeOH

