Supporting Information – Spectroscopic Data

Indole Diterpenoid Synthetic Studies. The Total Synthesis of (+)-Nodulisporic Acid F.

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The 500 MHz ^1H NMR Spectrum of Compound (+)-9 in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-9 in CDCl_3 .

The Infrared Spectrum of Compound (+)-**9**.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**6** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**6** in CDCl_3 .

The Infrared Spectrum of Compound (+)-**6**.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**10** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**10** in CDCl_3 .

The Infrared Spectrum of Compound (+)-10.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**5** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**5** in CDCl_3 .

The Infrared Spectrum of Compound (+)-5.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**11** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**11** in CDCl_3 .

The Infrared Spectrum of Compound (+)-11.

The 500 MHz ^1H NMR Spectrum of Compound **(-)-18** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (–)-**18** in CDCl_3 .

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The 125 MHz ^{13}C NMR Spectrum of Compound (–)-**19** in CDCl_3 .

The Infrared Spectrum of Compound (-)-19.

The 500 MHz ^1H NMR Spectrum of Compound **(-)-20** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound $(-)-20$ in CDCl_3 .

The Infrared Spectrum of Compound (-)-**20**.

The 500 MHz ^1H NMR Spectrum of Compound (-)-**12** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound **(-)-12** in CDCl_3 .

The Infrared Spectrum of Compound (-)-12.

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**21** in CDCl_3 .

The Infrared Spectrum of Compound (+)-21.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**13** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**13** in CDCl_3 .

The Infrared Spectrum of Compound (+)-13.

The 500 MHz ^1H NMR Spectrum of Compound (-)-**14** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (-)-**14** in CDCl_3 .

The Infrared Spectrum of Compound (-)-14.

The 500 MHz ^1H NMR Spectrum of Compound (+)-15 in CD_2Cl_2 .

The Infrared Spectrum of Compound (+)-15.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**22** in CDCl_3 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**22** in CDCl_3 .

The Infrared Spectrum of Compound (+)-22.

The 500 MHz ¹H NMR Spectrum of Compound (+)-17 in CD₂Cl₂.

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**17** in CD_2Cl_2 .

The Infrared Spectrum of Compound (+)-17.

The 500 MHz ^1H NMR Spectrum of Compound (+)-**23** in CD_2Cl_2 .

The 125 MHz ^{13}C NMR Spectrum of Compound (+)-**23** in CD_2Cl_2 .

The Infrared Spectrum of Compound (+)-23.

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The 125 MHz ^{13}C NMR Spectrum of Synthetic Nodulisporic Acid F [(+)-3] in CD_3OD .

The Infrared Spectrum Synthetic Nodulisporic Acid F [(+)-3].

The UV-VIS Spectrum of Synthetic Nodulisporic Acid F [(+)-**3**] in MeOH.

Authentic Sample of (+)-Nodulisporic Acid F

The 125 MHz ^{13}C NMR Spectrum of Authentic Nodulisporic Acid F in CD_3OD .

The UV-VIS Spectrum of Synthetic Nodulisporic Acid F in MeOH.