

Aspergoterpenins A-D, Four New Antimicrobial bisabolane sesquiterpenoid Derivatives from an Endophytic Fungus *Aspergillus versicolor*

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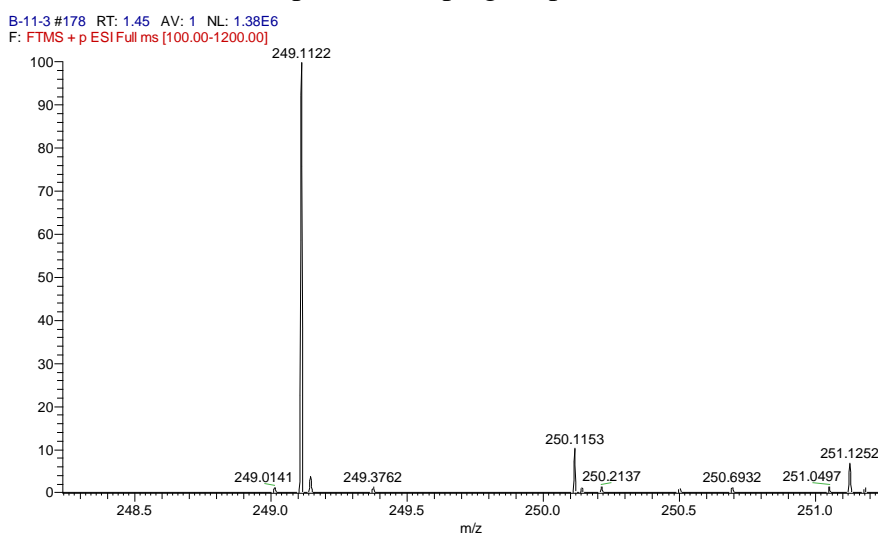
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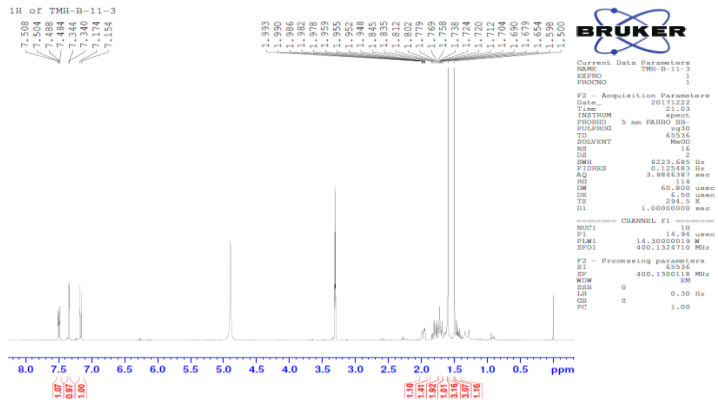
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S1: the HRESIMS of compound 1 (Aspergoterpenin A)

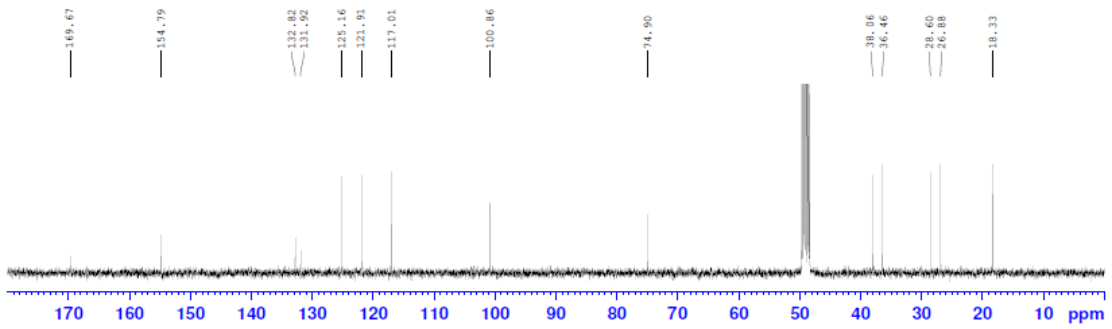


S2: the NMR spectra of compound 1 (Aspergoterpenin A)

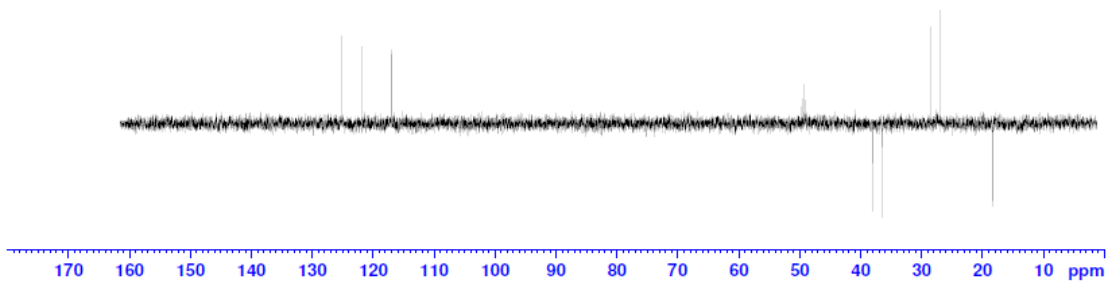
1H of TMH-B-11-3



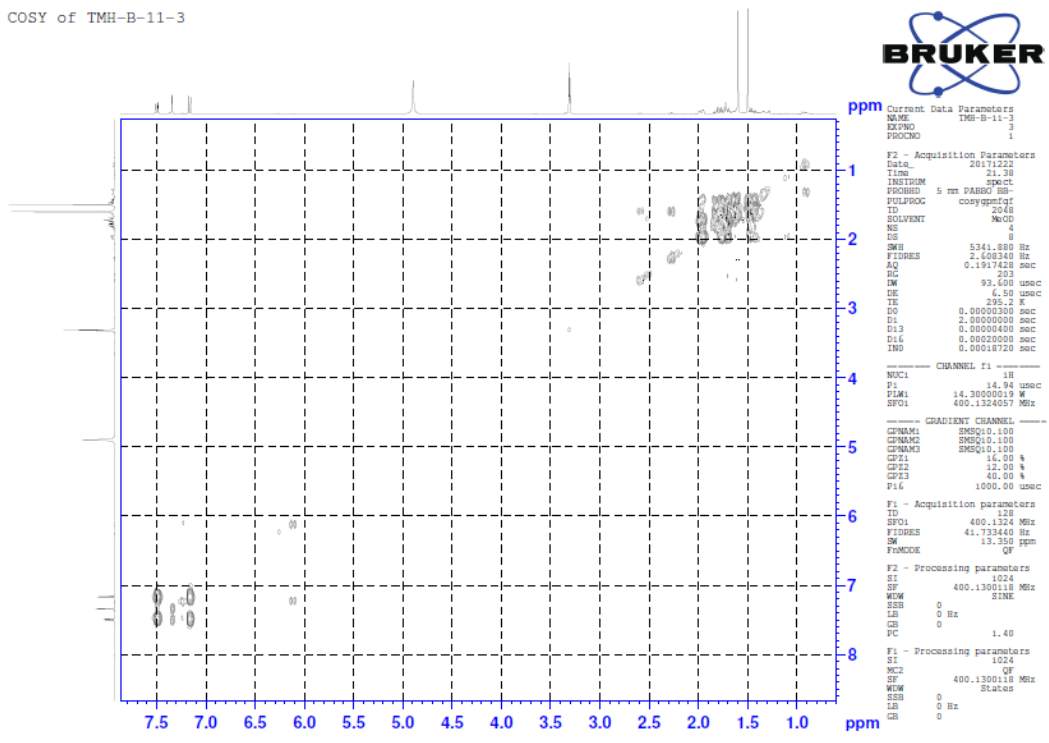
13C of TMH-B-11-3



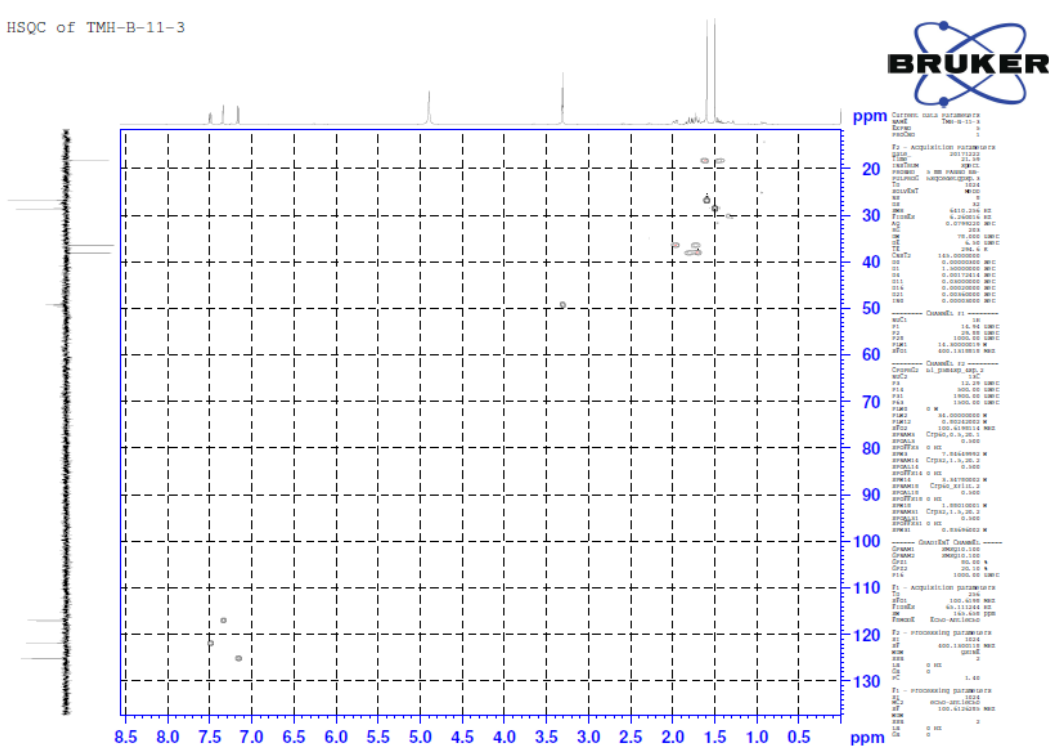
DEPT135 of TMH-B-11-3



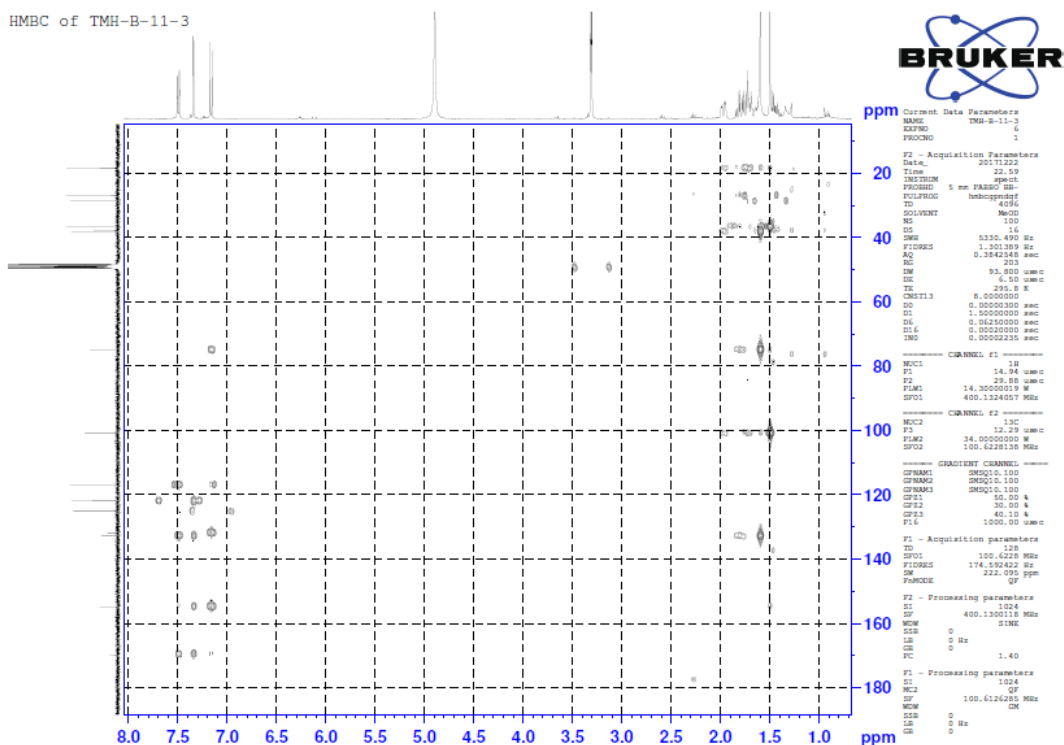
COSY of TMH-B-11-3



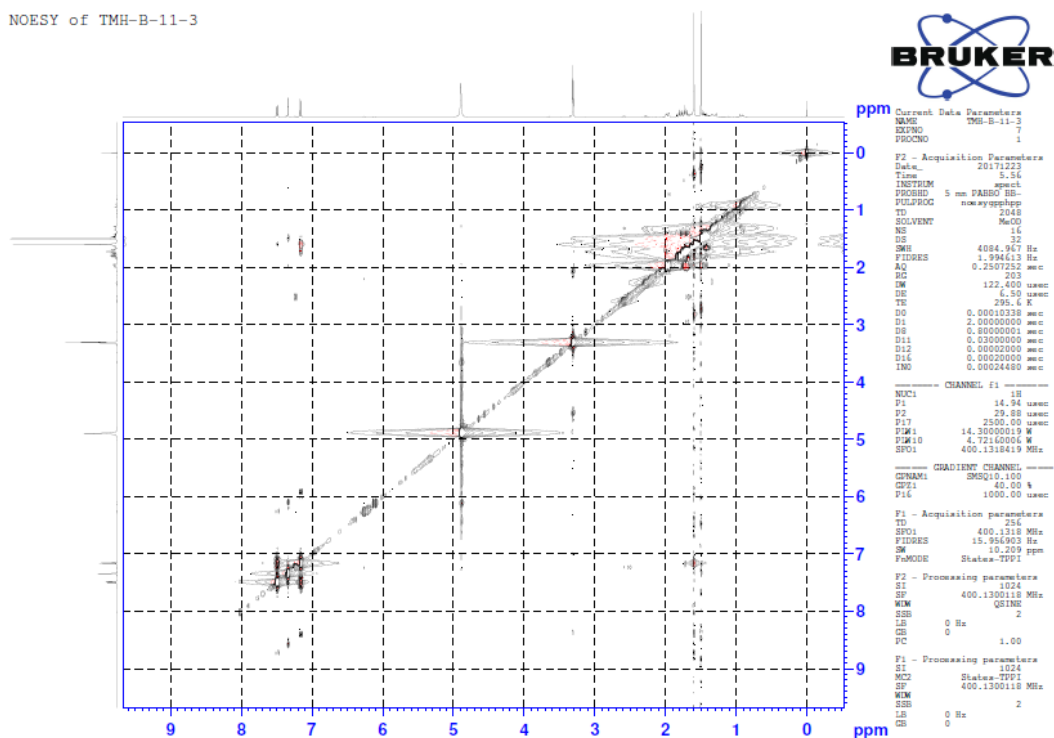
HSQC of TMH-B-11-3



HMBC of TMH-B-11-3

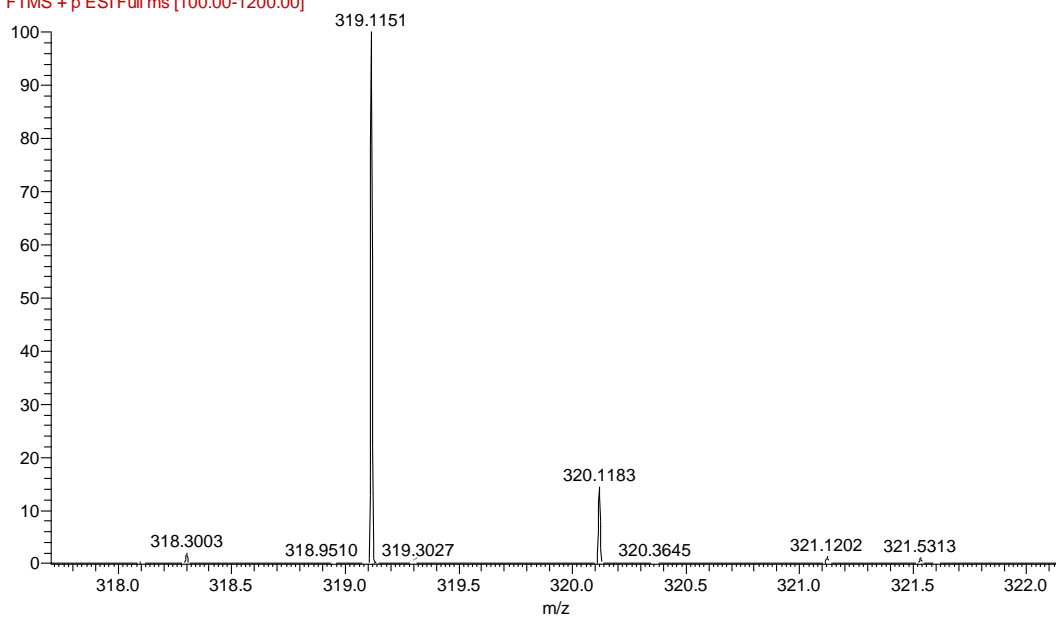


NOESY of TMH-B-11-3

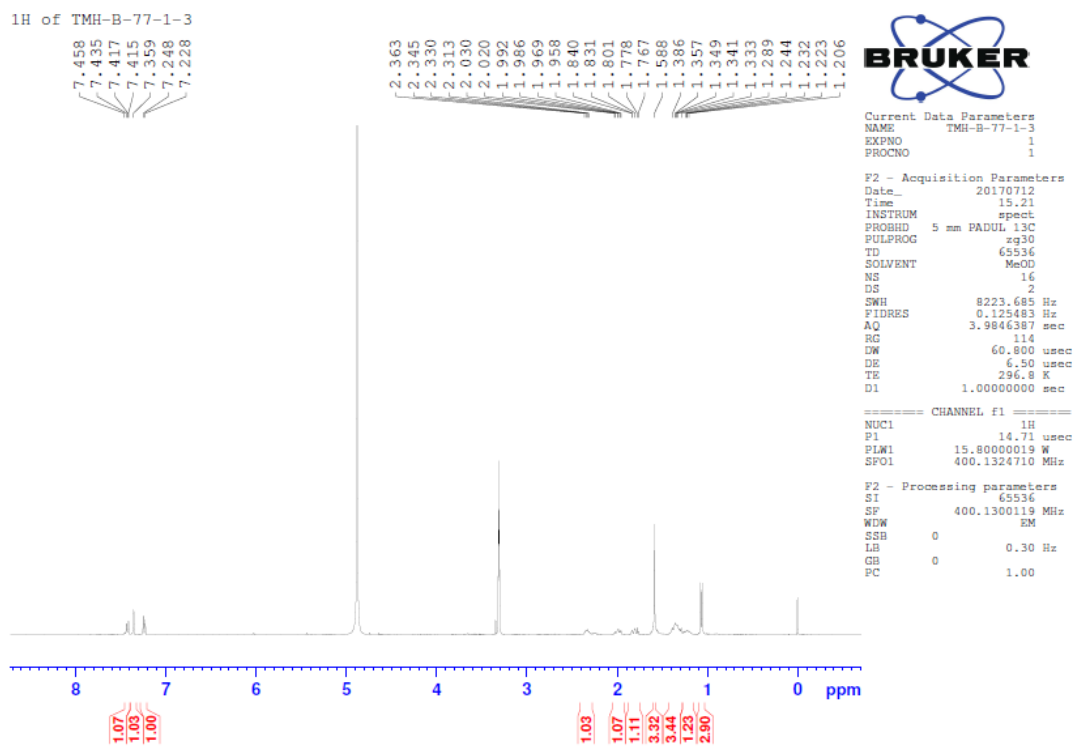


S2: the HRESIMS of compound 2 (Aspergoterpenin B)

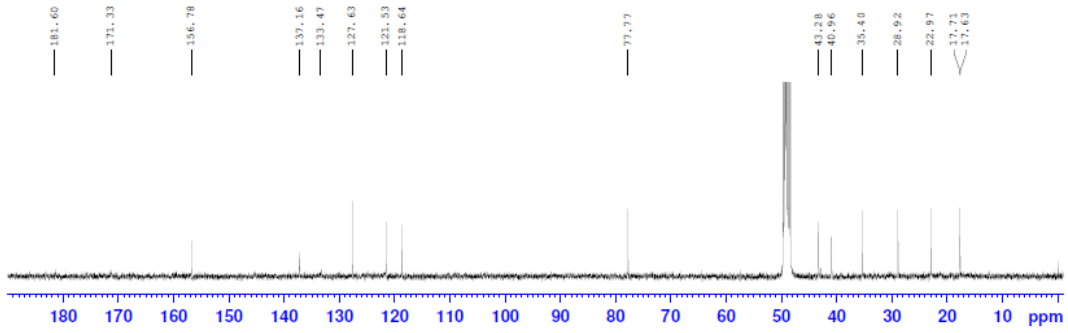
B-77-14-1-3 #145 RT: 1.19 AV: 1 NL: 1.14E7
 F: FTMS + p ESI Full ms [100.00-1200.00]



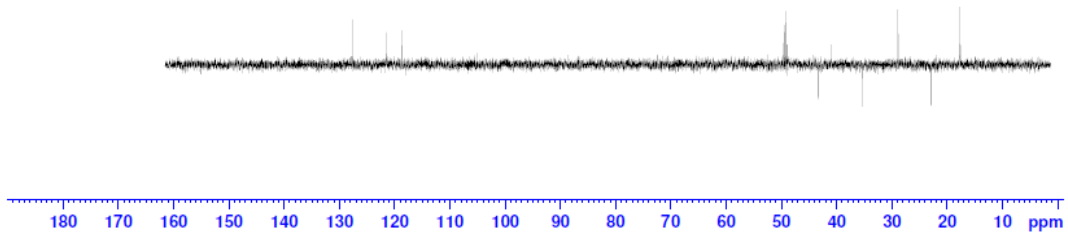
S3: the NMR spectra of compound 2 (Aspergoterpenin B)



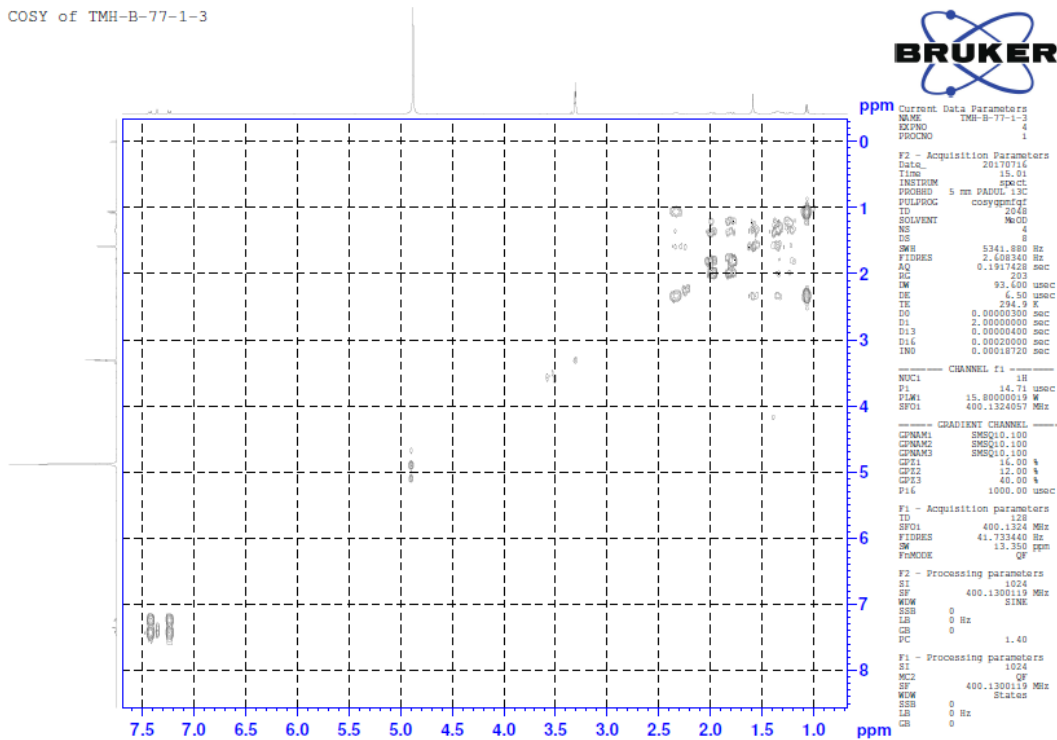
13C of TMH-B-77-1-3



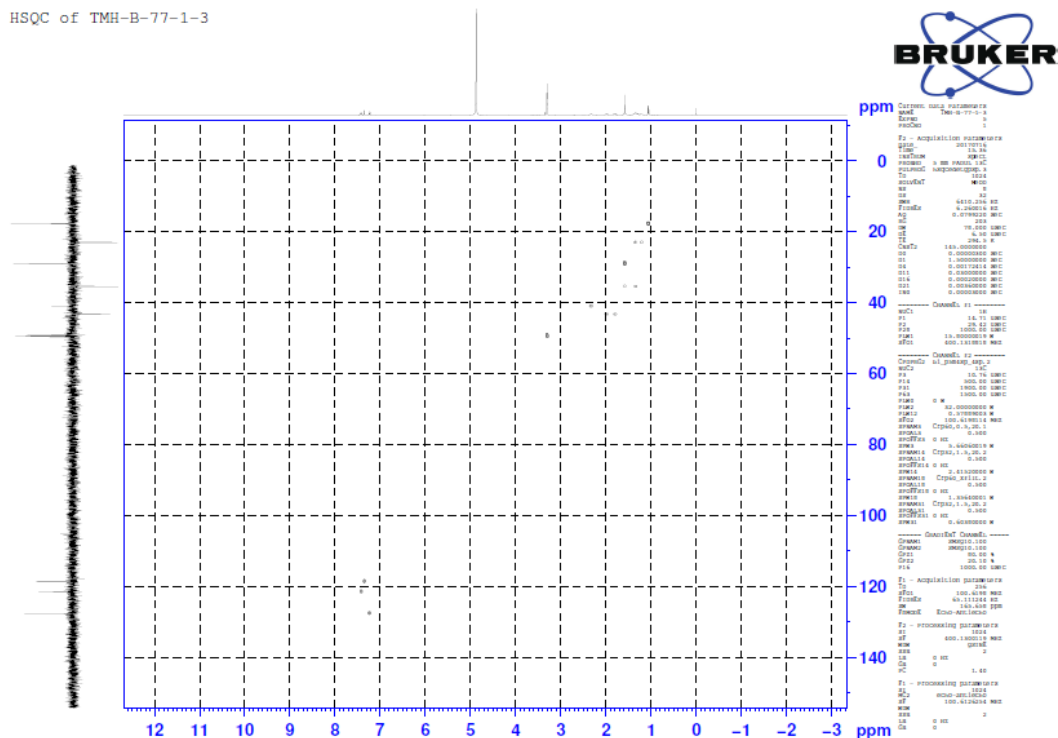
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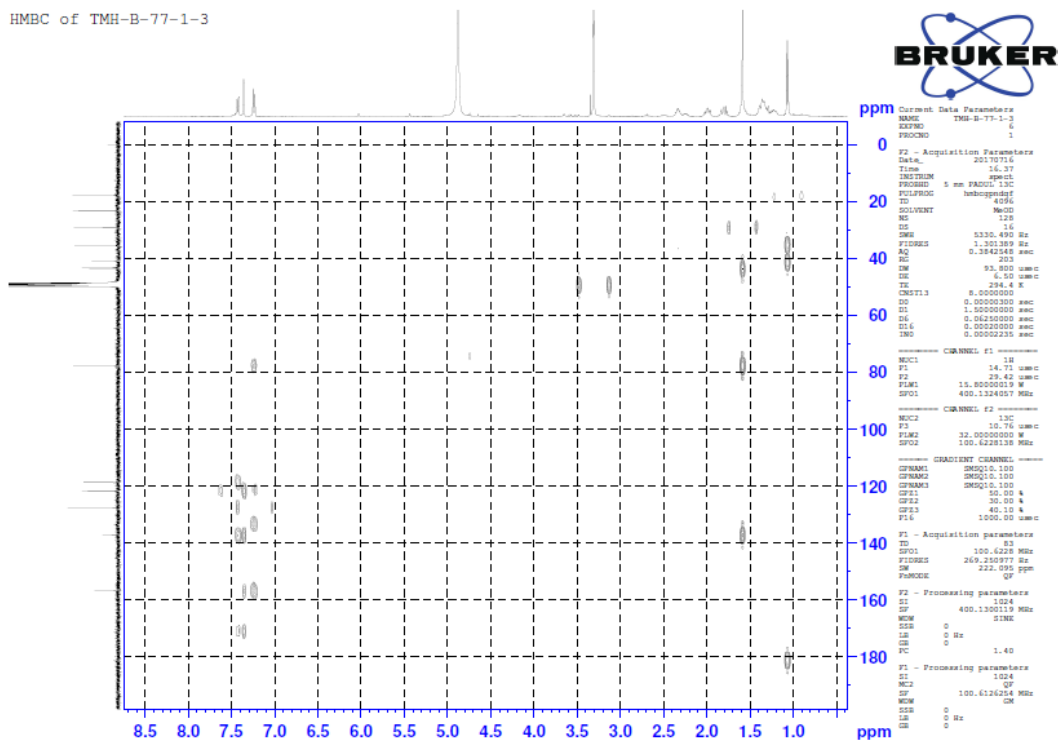
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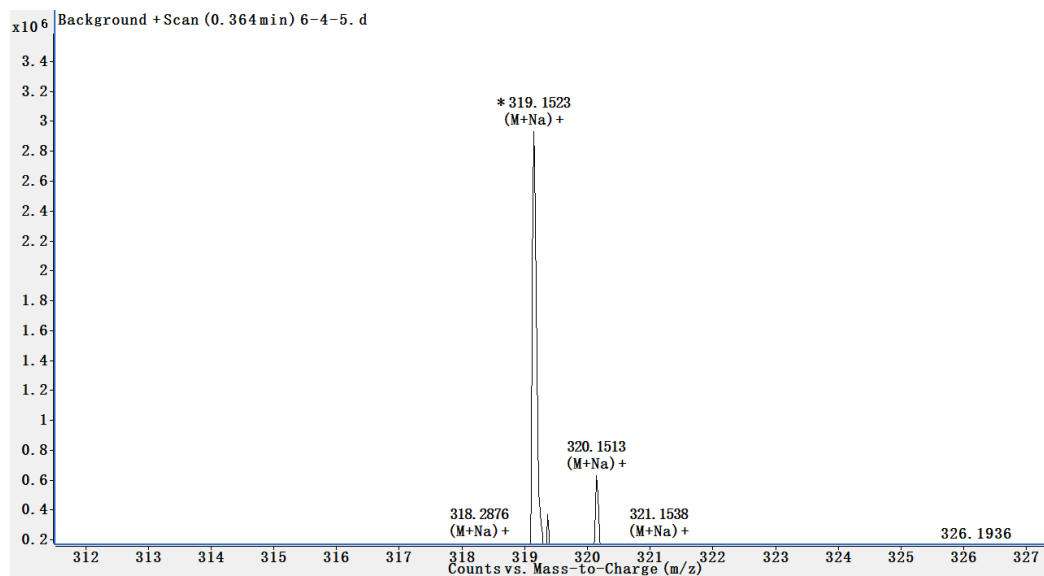
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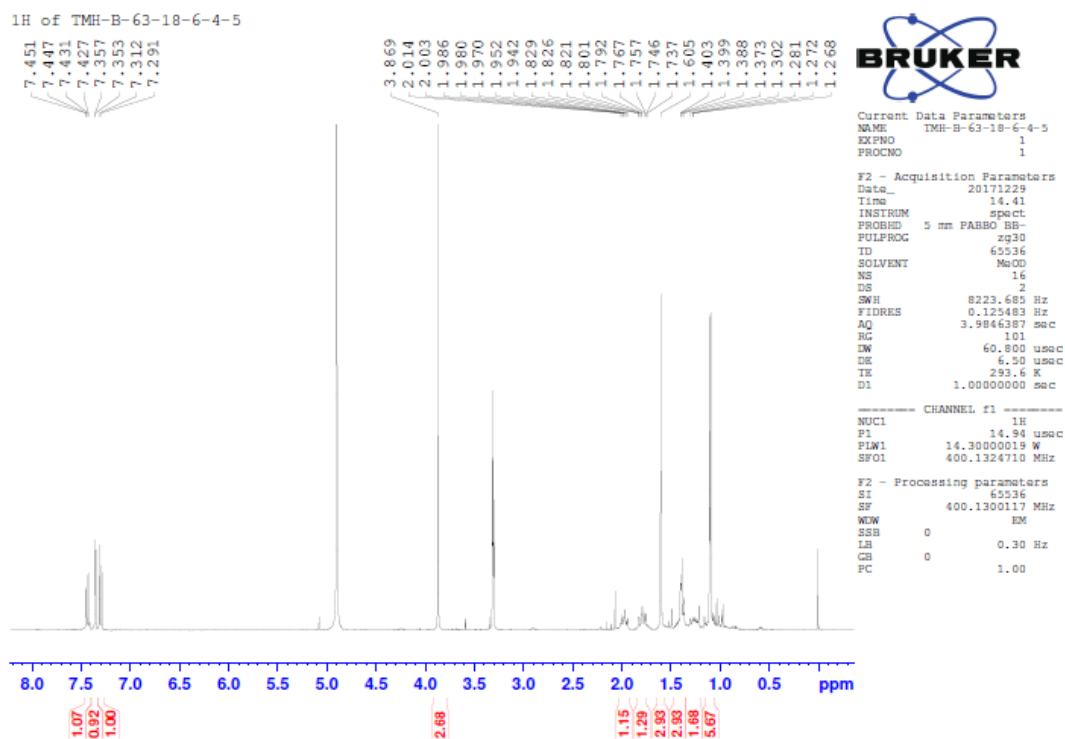
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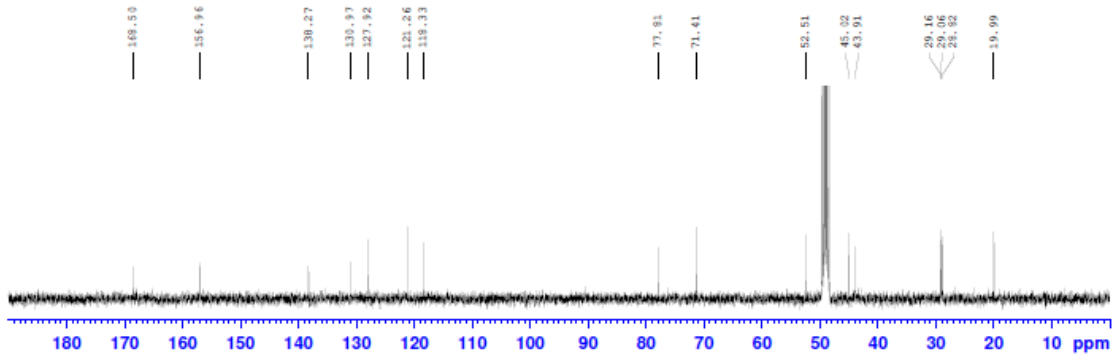
S4: the HRESIMS of compound 3 (Aspergoterpenin C)



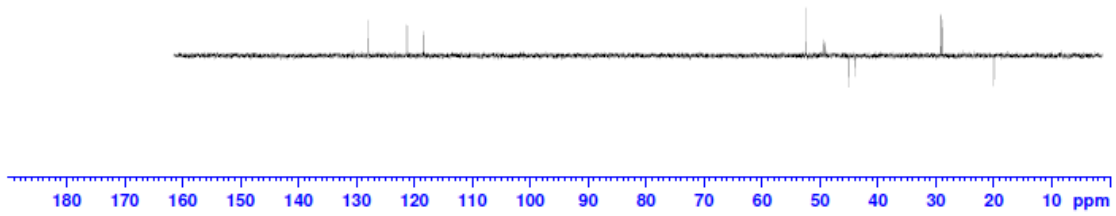
S5: the NMR spectra of compound **3** (Aspergoterpenin C)



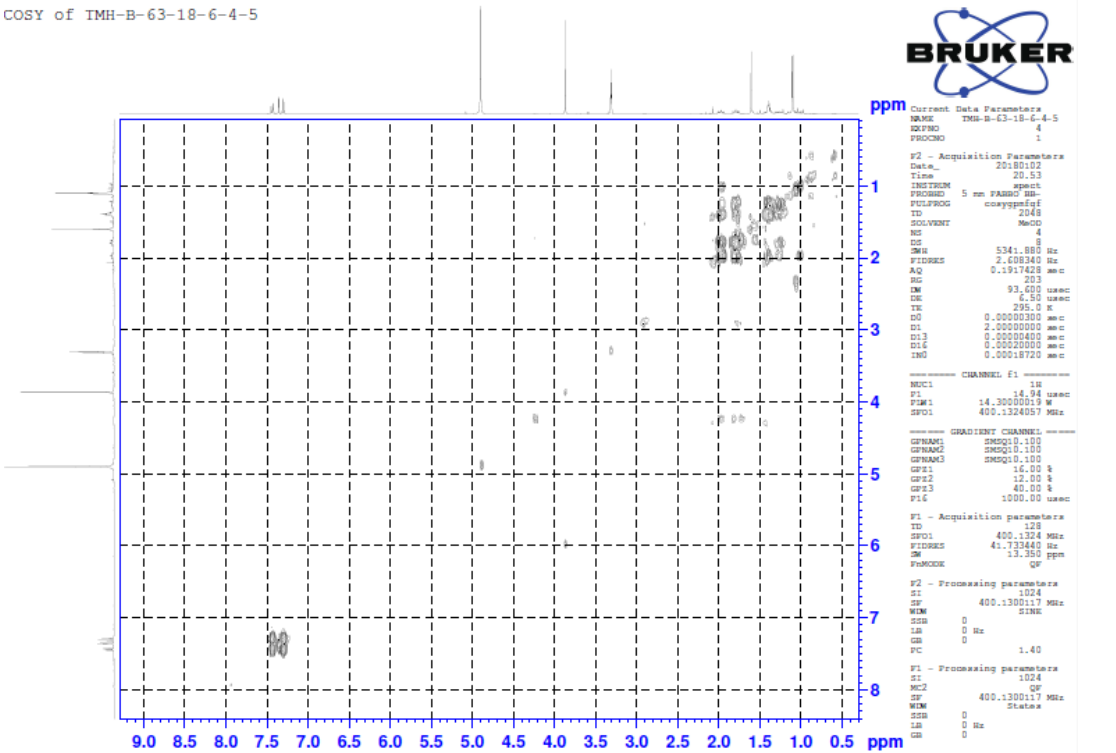
13C of TMH-B-63-18-6-4-5



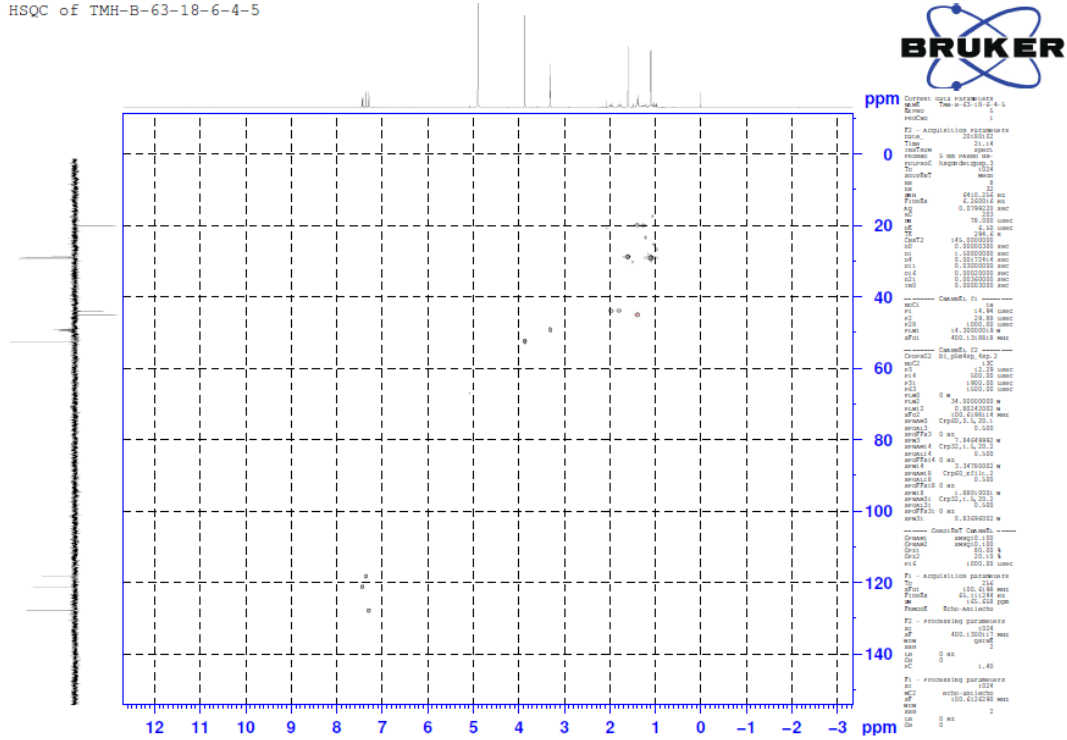
DEPT135 of TMH-B-63-18-6-4-5



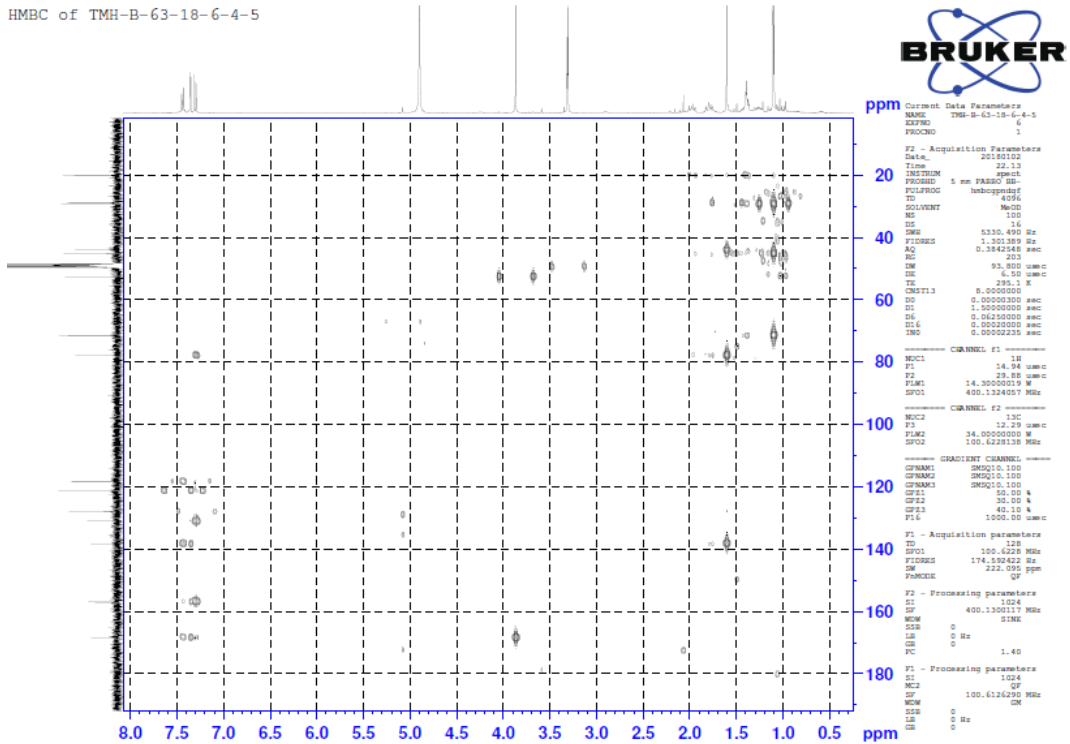
COSY of TMH-B-63-18-6-4-5



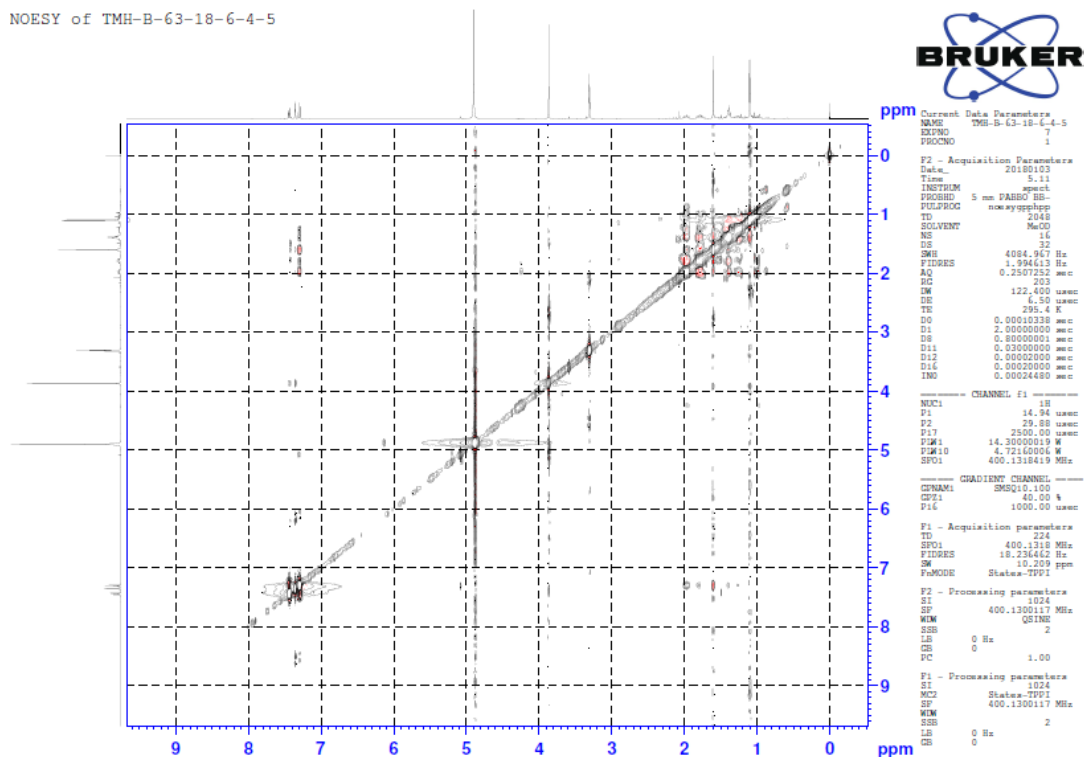
HSQC of TMH-B-63-18-6-4-5



HMBC of TMH-B-63-18-6-4-5

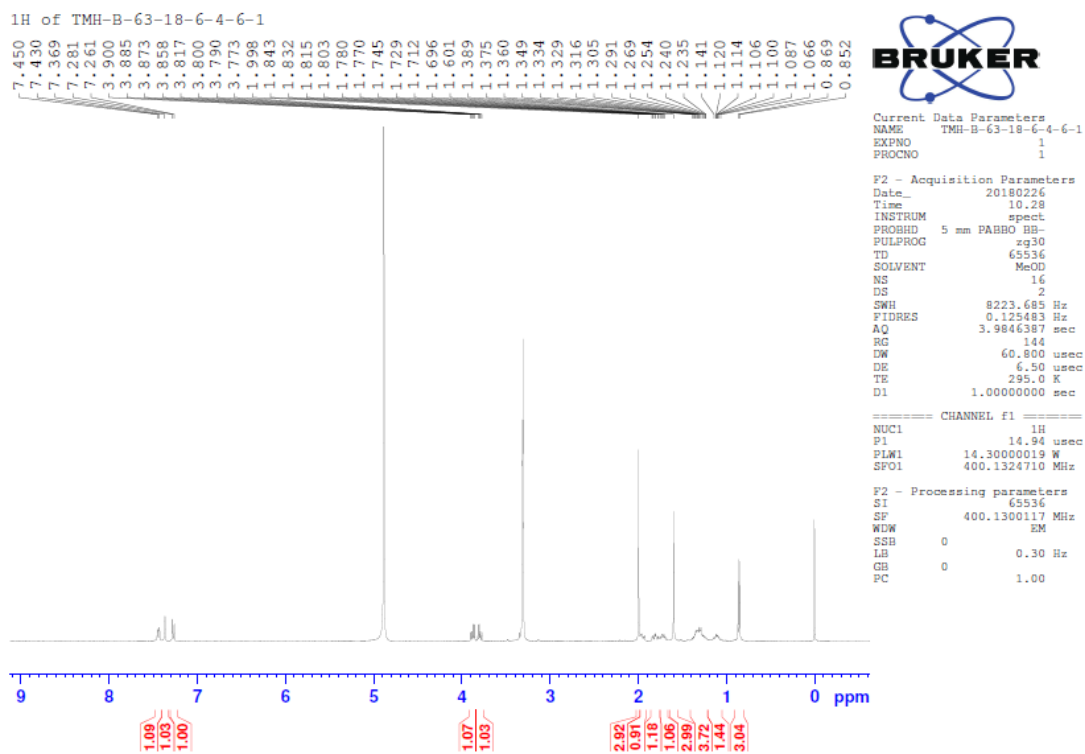


NOESY of TMH-B-63-18-6-4-5

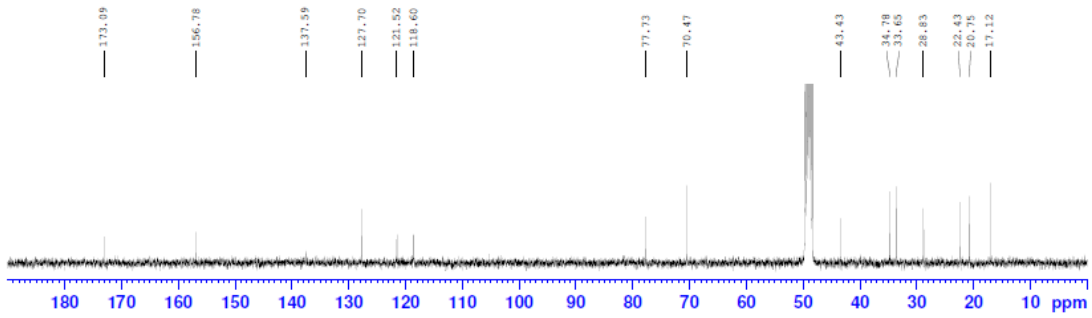


S6: the HRESIMS of compound 4 (Aspergoterpenin D)

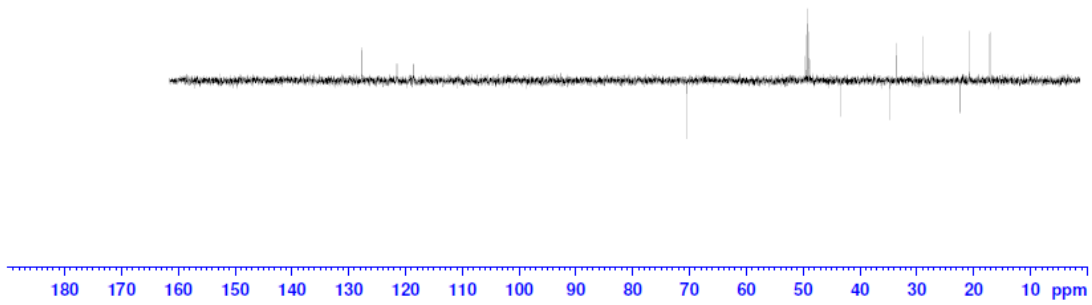
S7: the NMR spectra of compound 4 (Aspergoterpenin D)



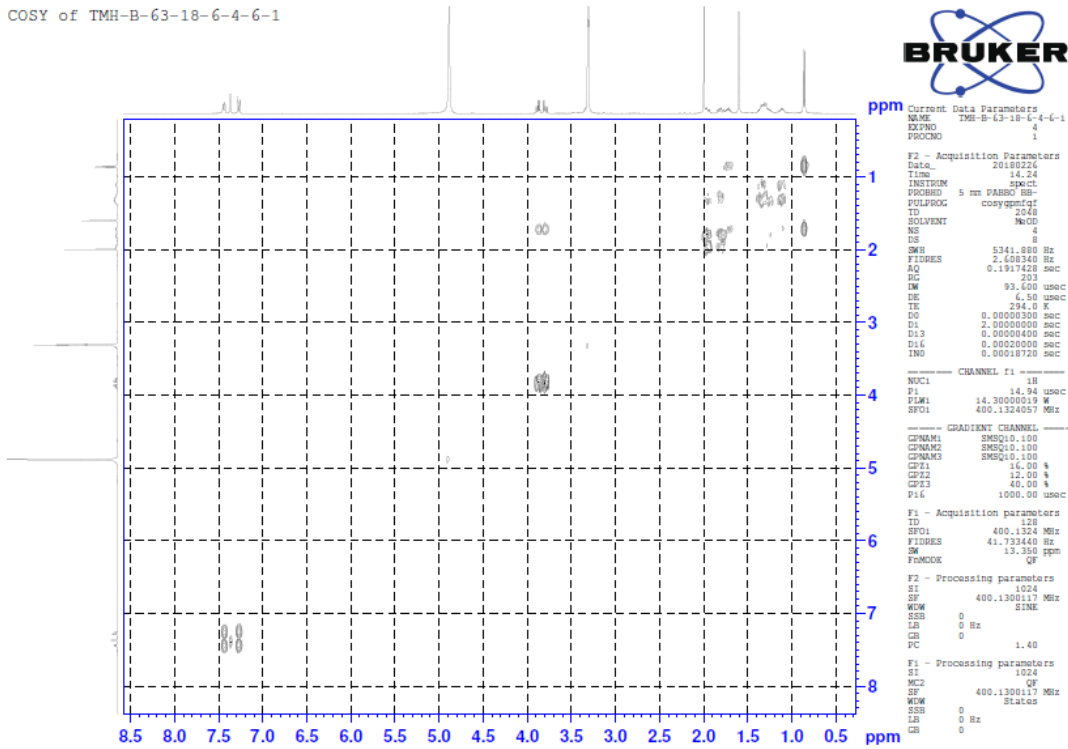
13C of TMH-B-63-18-6-4-6-1



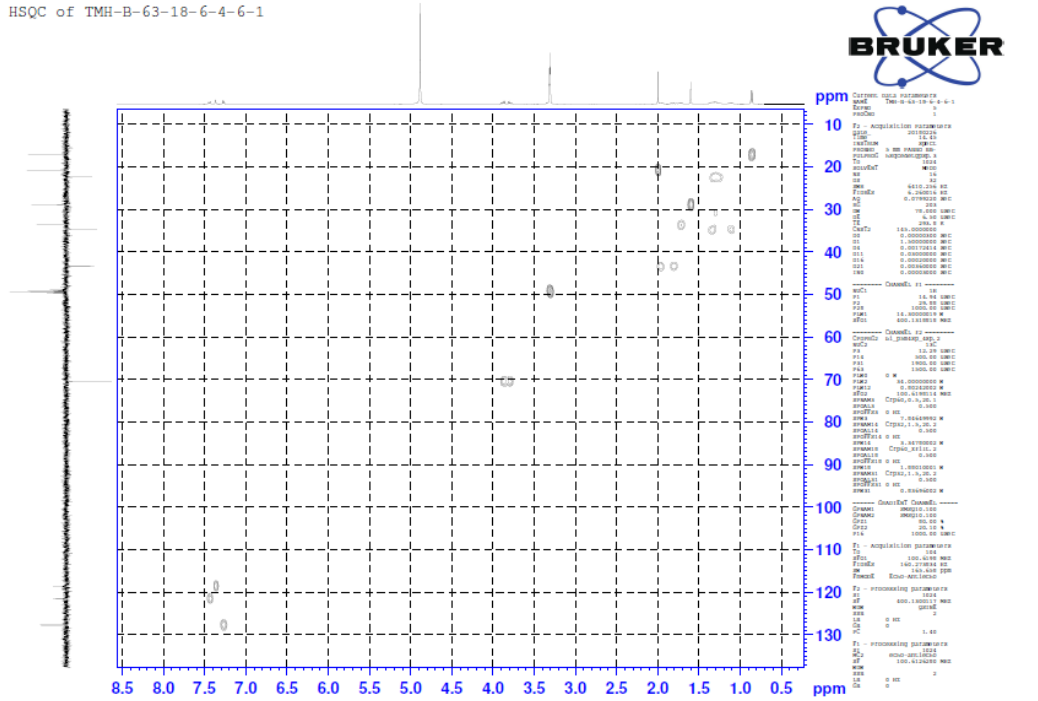
DEPT135 of TMH-B-63-18-6-4-6-1



COSY of TMH-B-63-18-6-4-6-1



HSQC of TMH-B-63-18-6-4-6-1



HMBC of TMH-B-63-18-6-4-6-1

