

Stereoselective synthesis and sialidase inhibition properties of KDO-based glycosyloxathiins

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and Cristina Nativi ^a

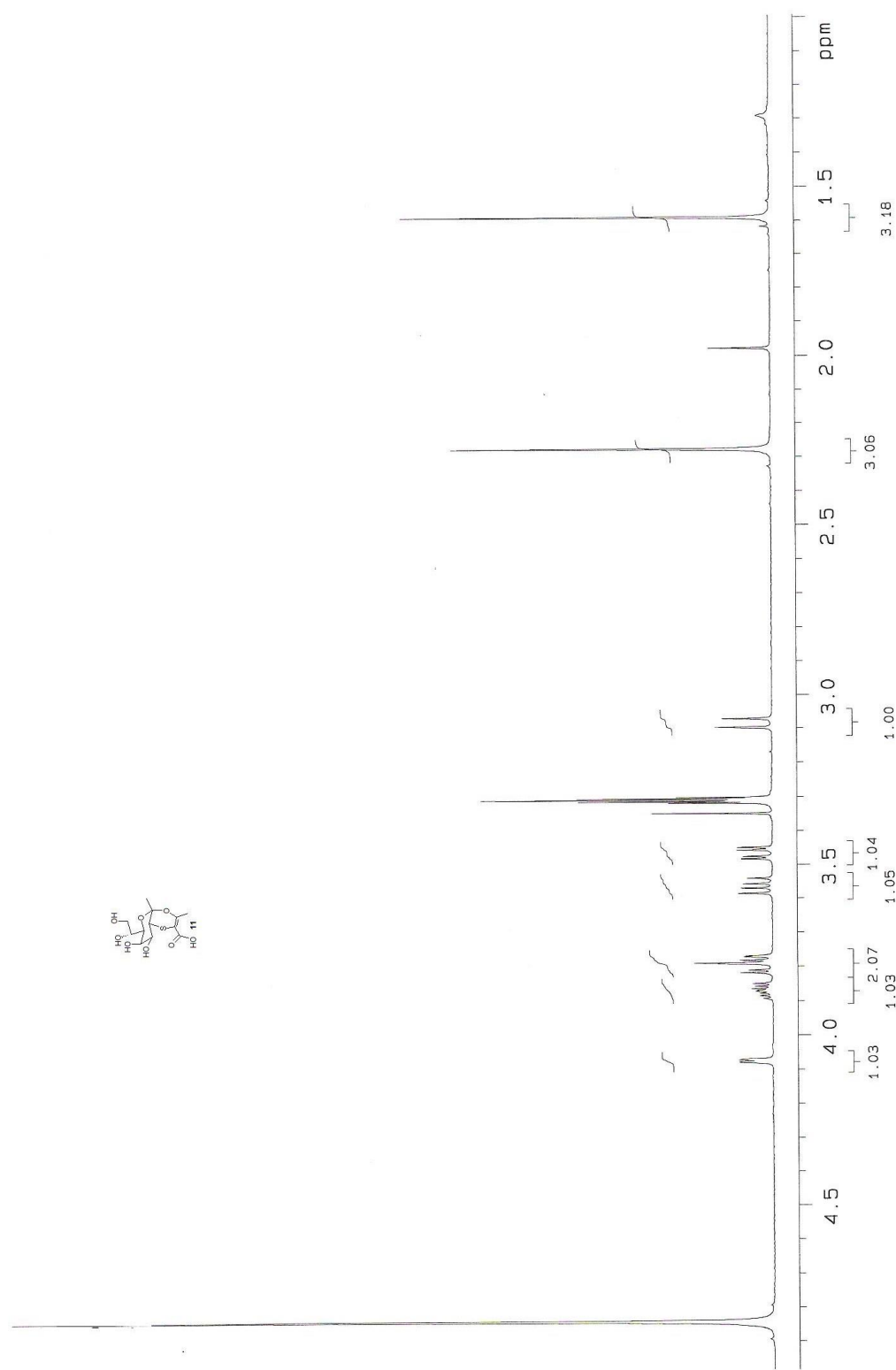
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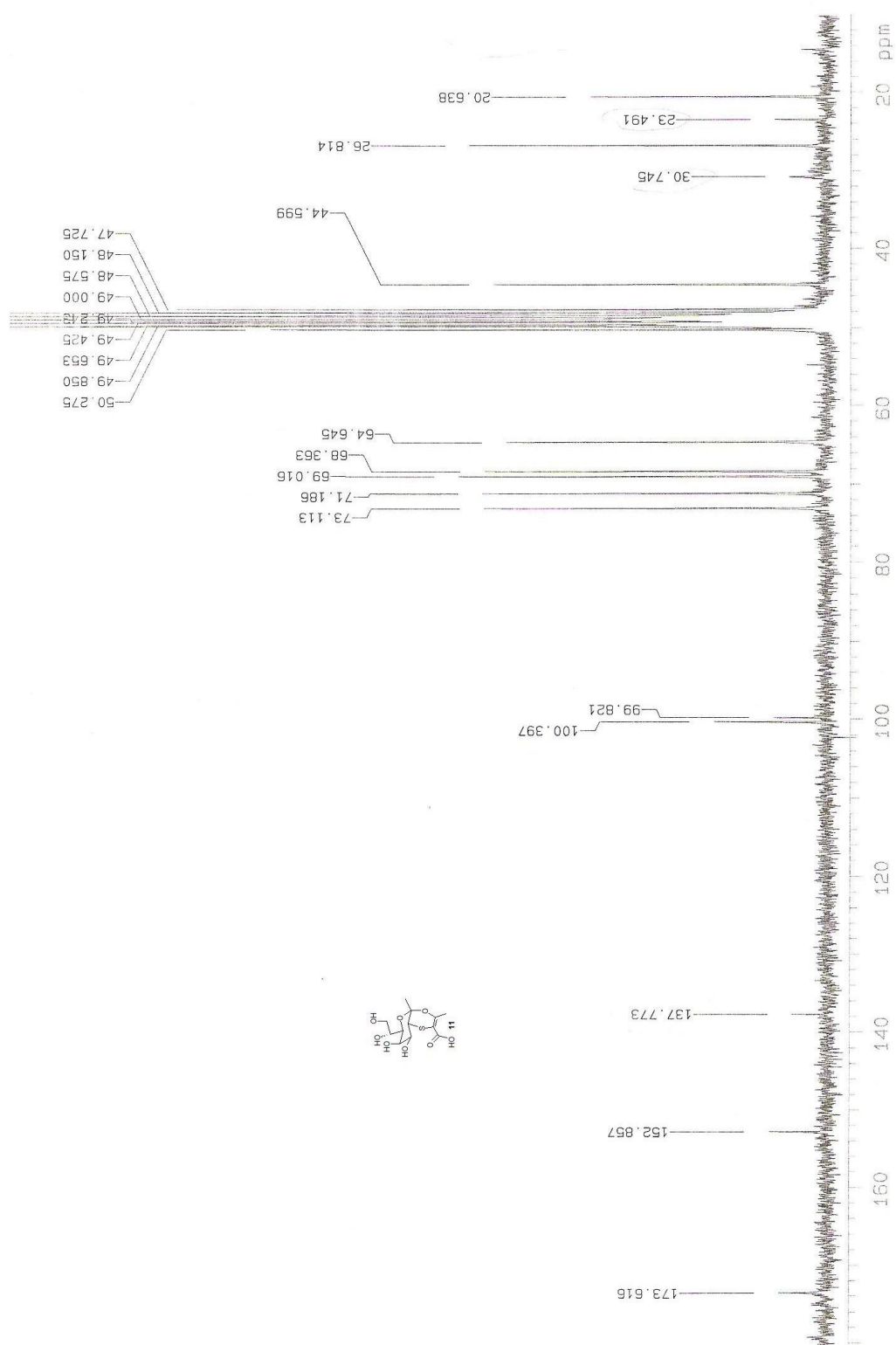
Dedicated to Professor Pierre Vogel on the occasion of his 70th anniversary

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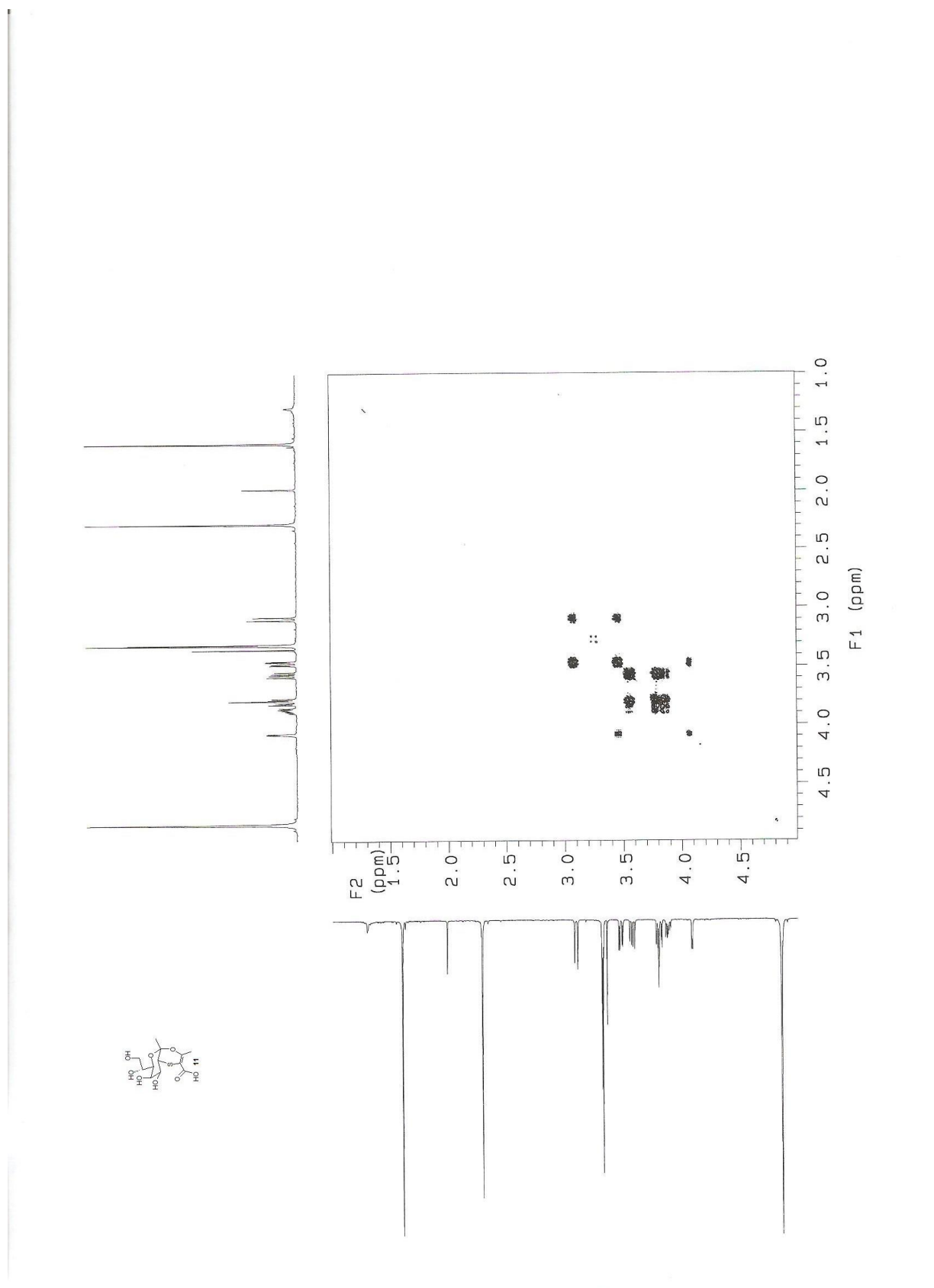
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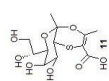


^1H NMR spectrum (400MHz, CDCl_3), Compound **11**

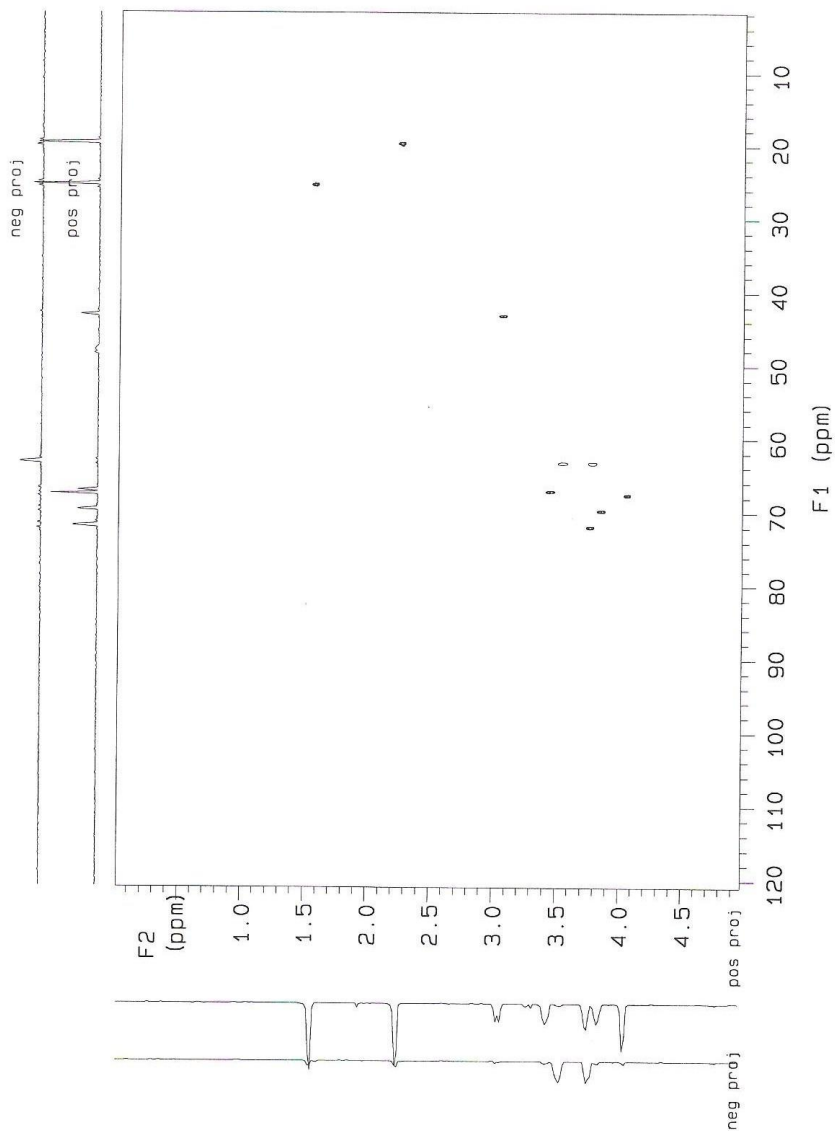


^{13}C NMR spectrum (50MHz, CDCl_3), Compound **11**

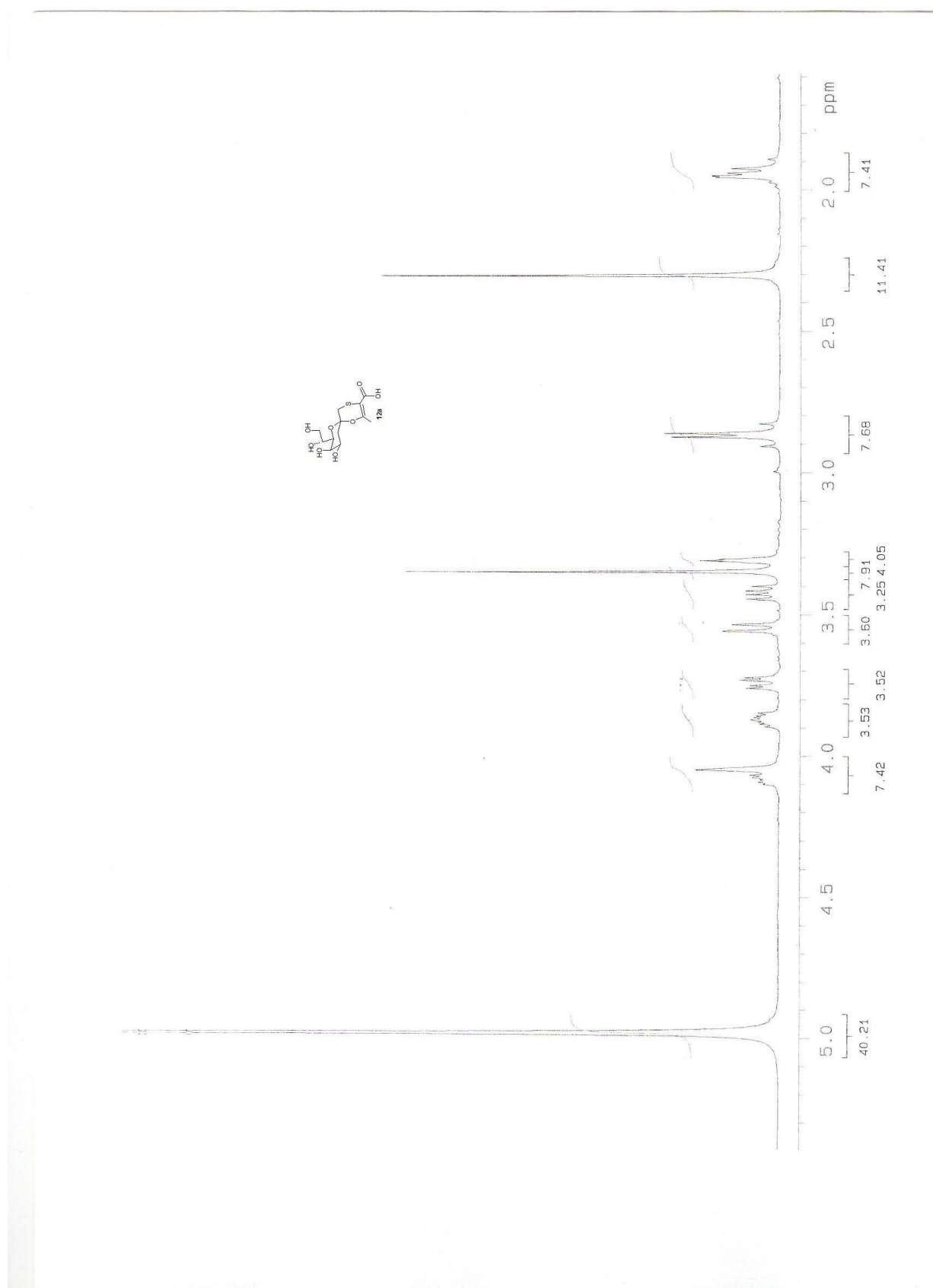
gDQCOSY NMR spectrum (400MHz, CDCl₃), Compound **11**



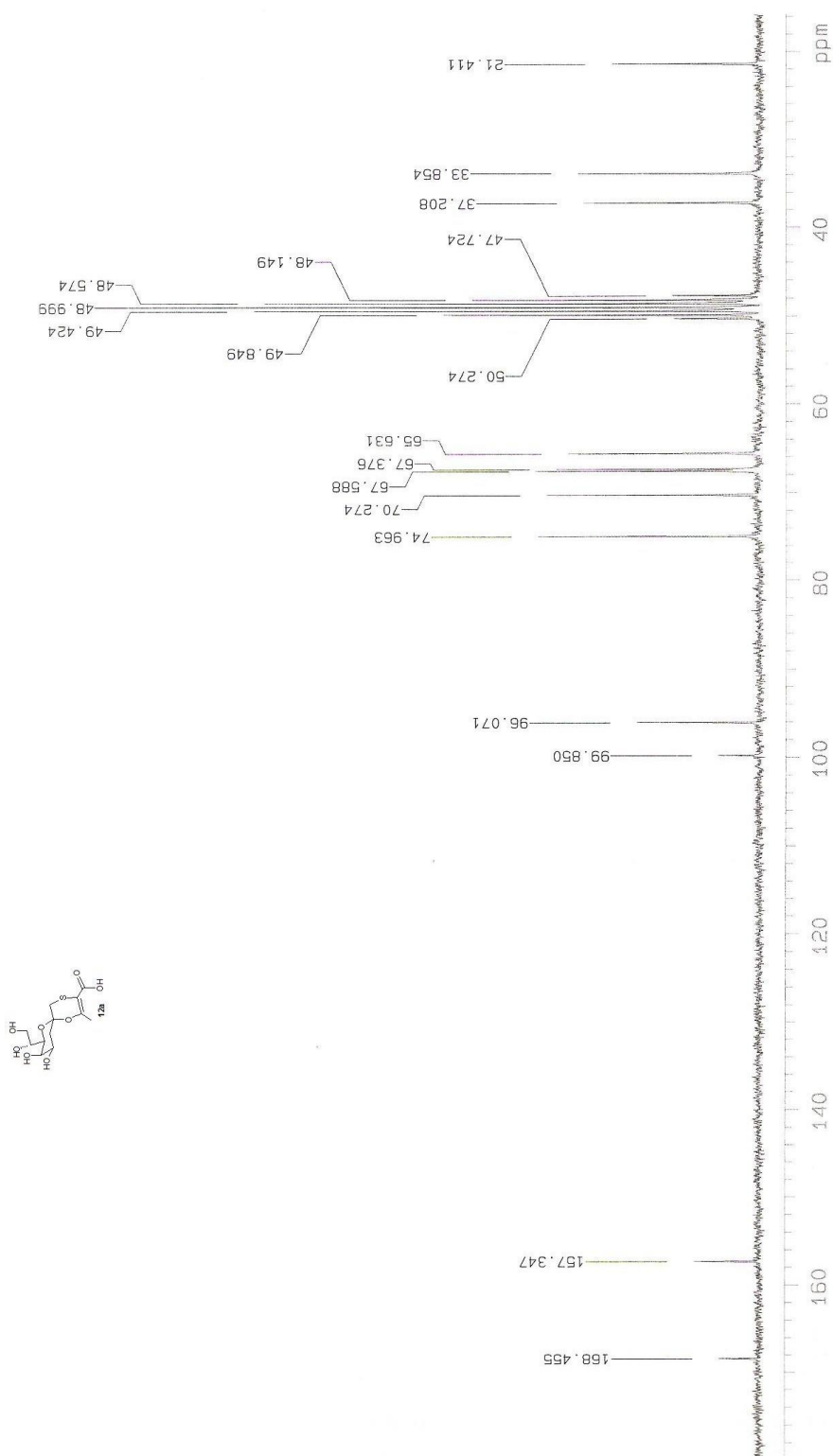
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 DECOUPLE C13, 100.5760014 MHz
 Power 38 dB
 on during acquisition
 off during delay
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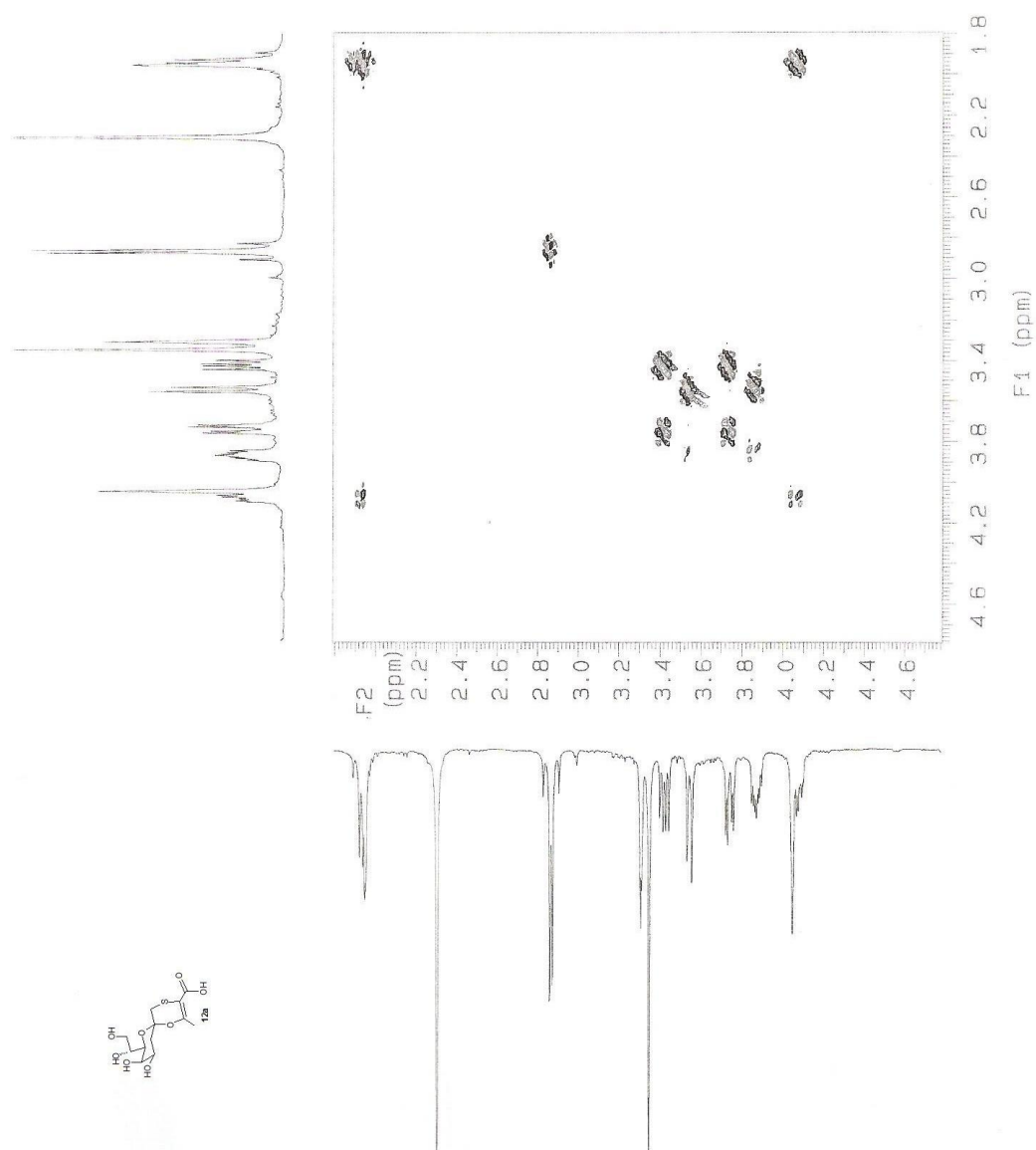


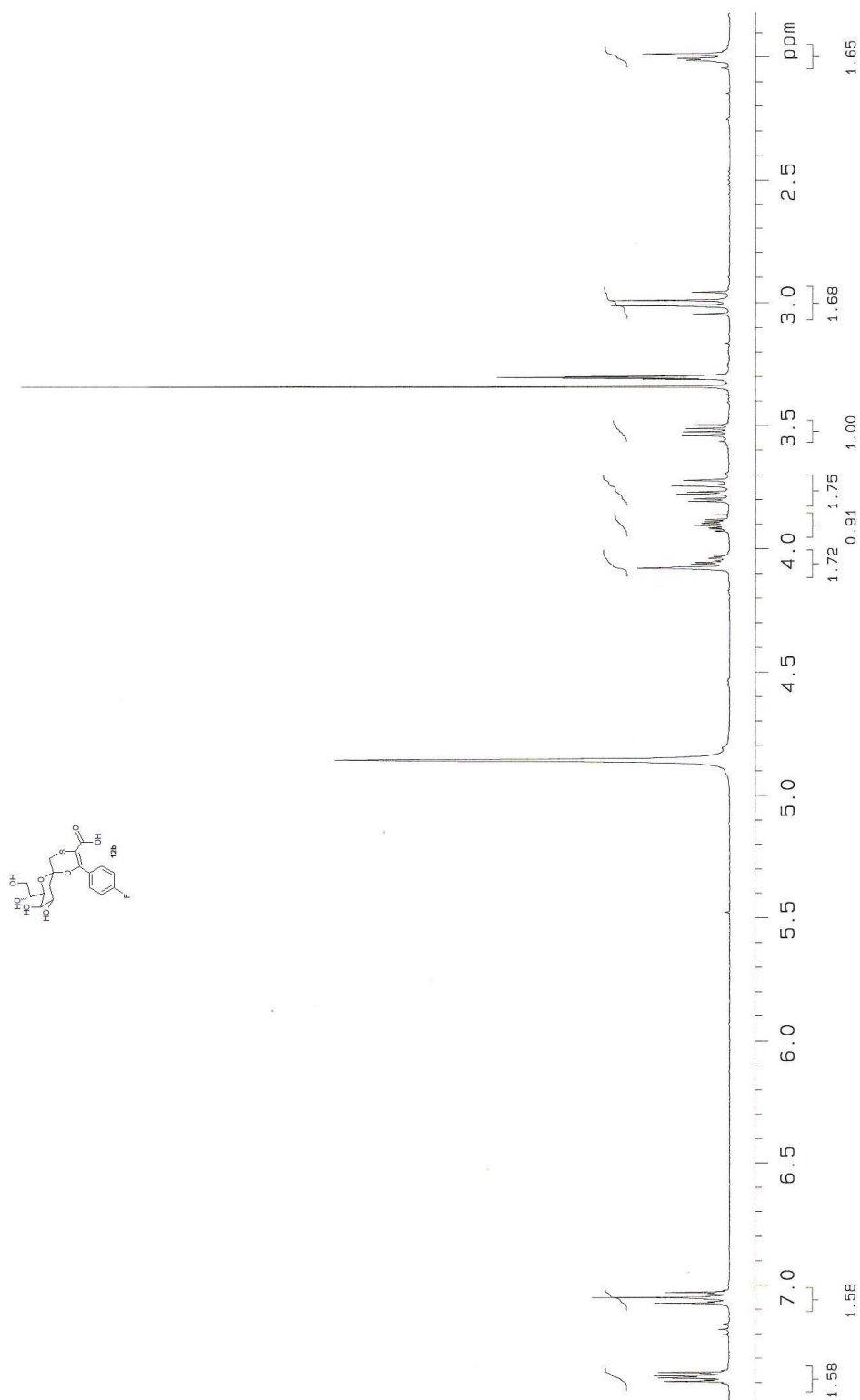
gHSQC NMR spectrum (400MHz, CDCl₃), Compound 11



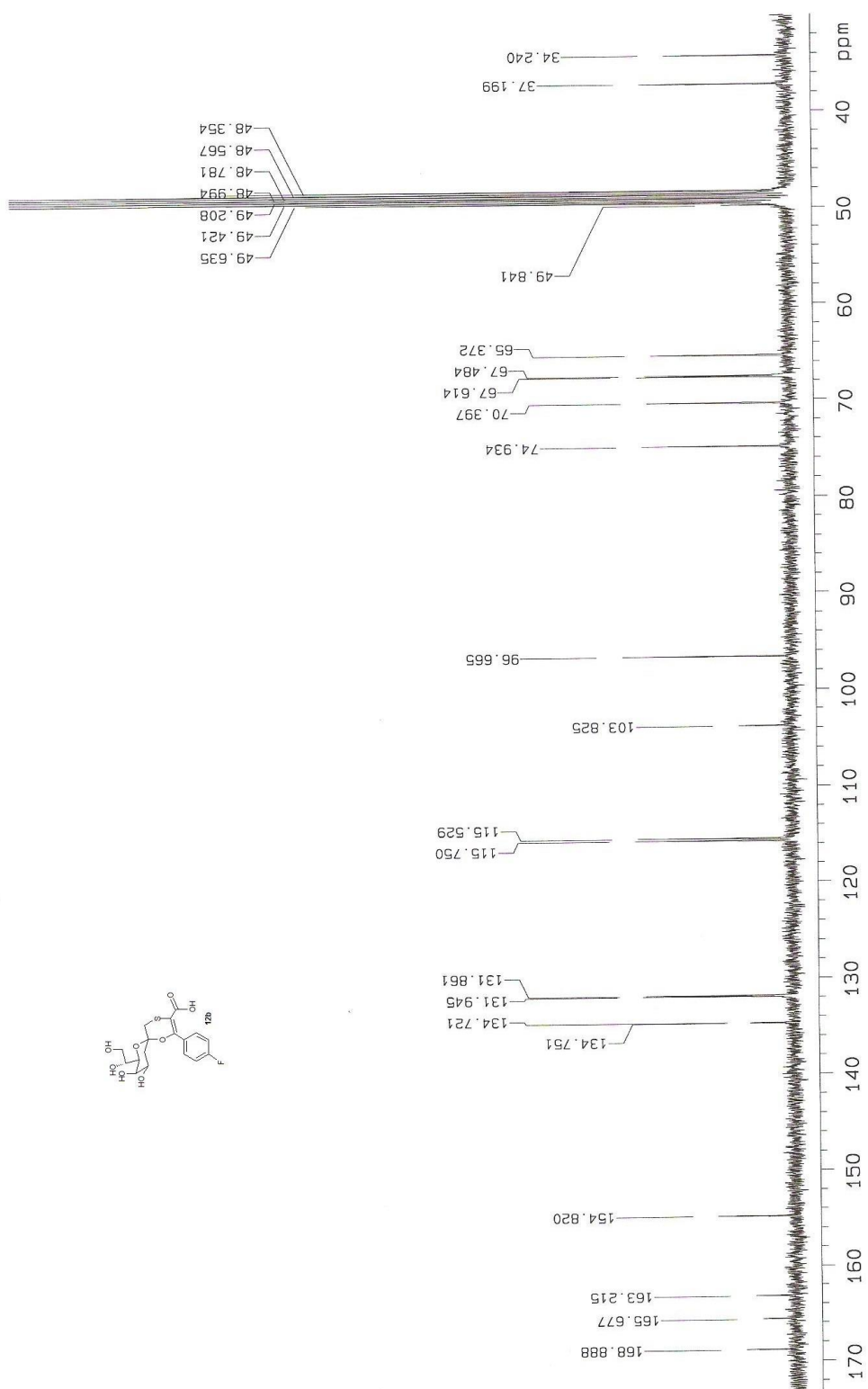
¹H NMR spectrum (400MHz, CD₃OD) Compound **12a**

 ^{13}C NMR spectrum (50MHz, CD_3OD) Compound **12a**

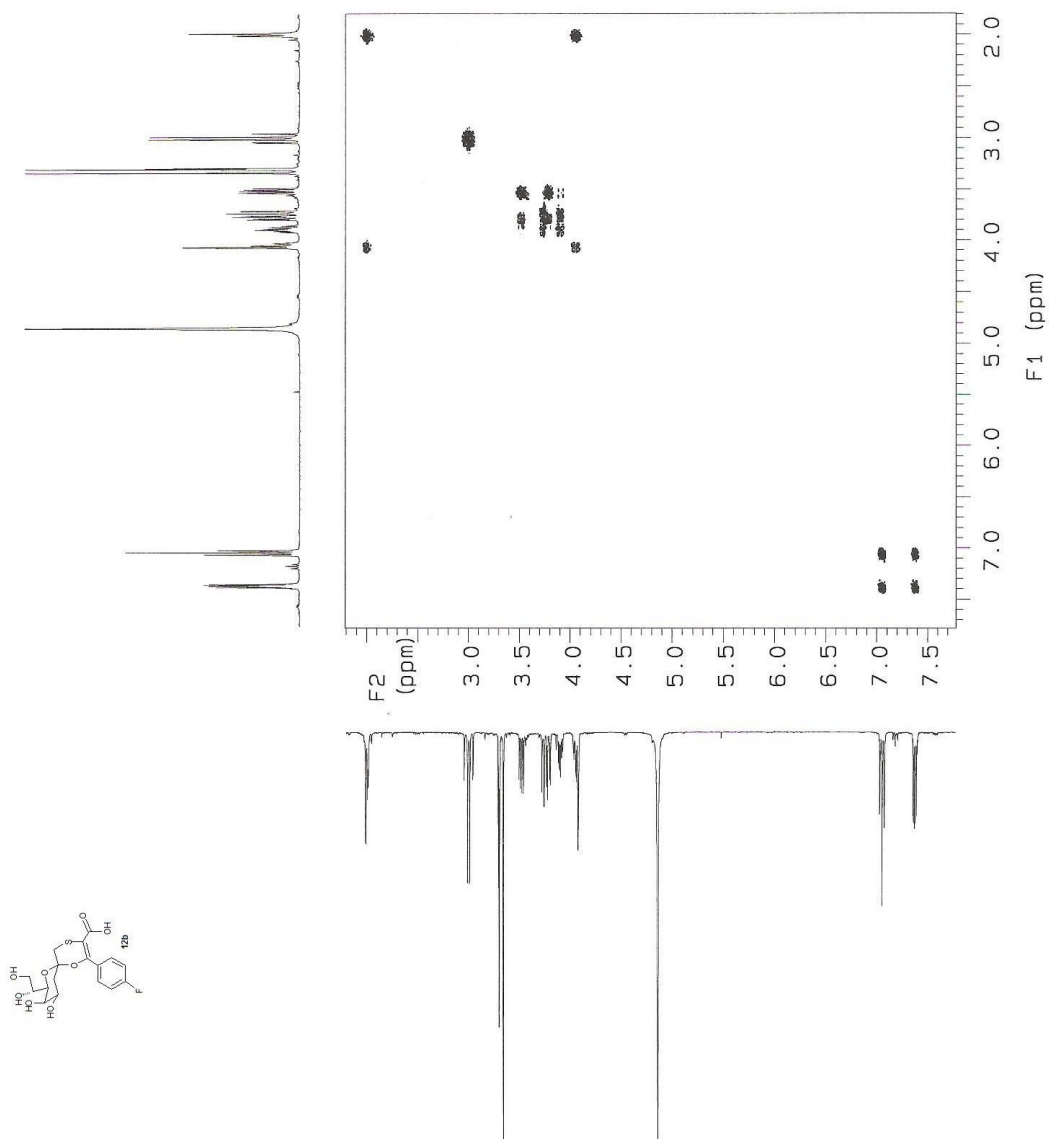
gDQCOSY NMR spectrum (400MHz, CD₃OD) Compound **12a**

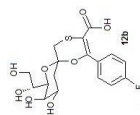
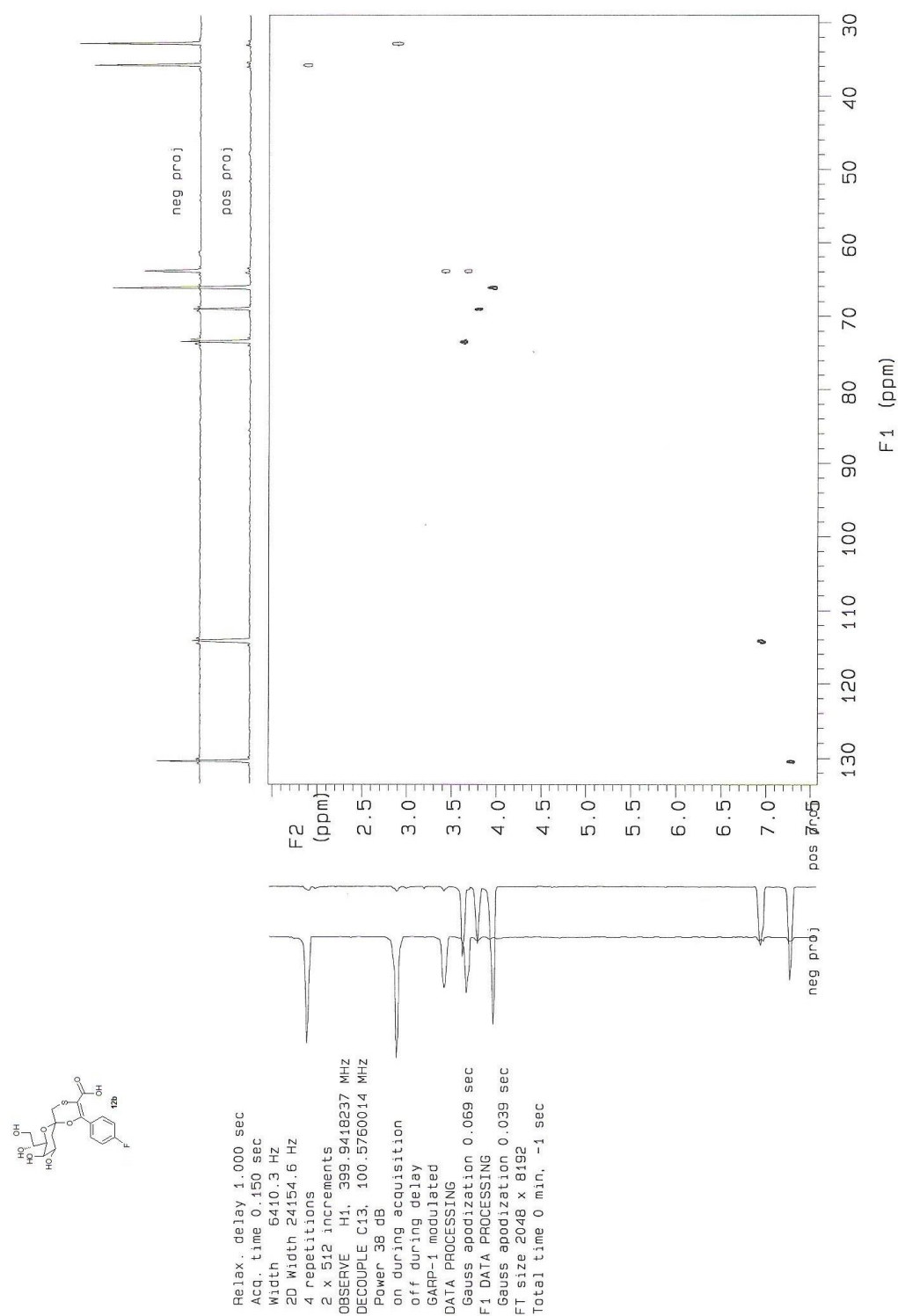


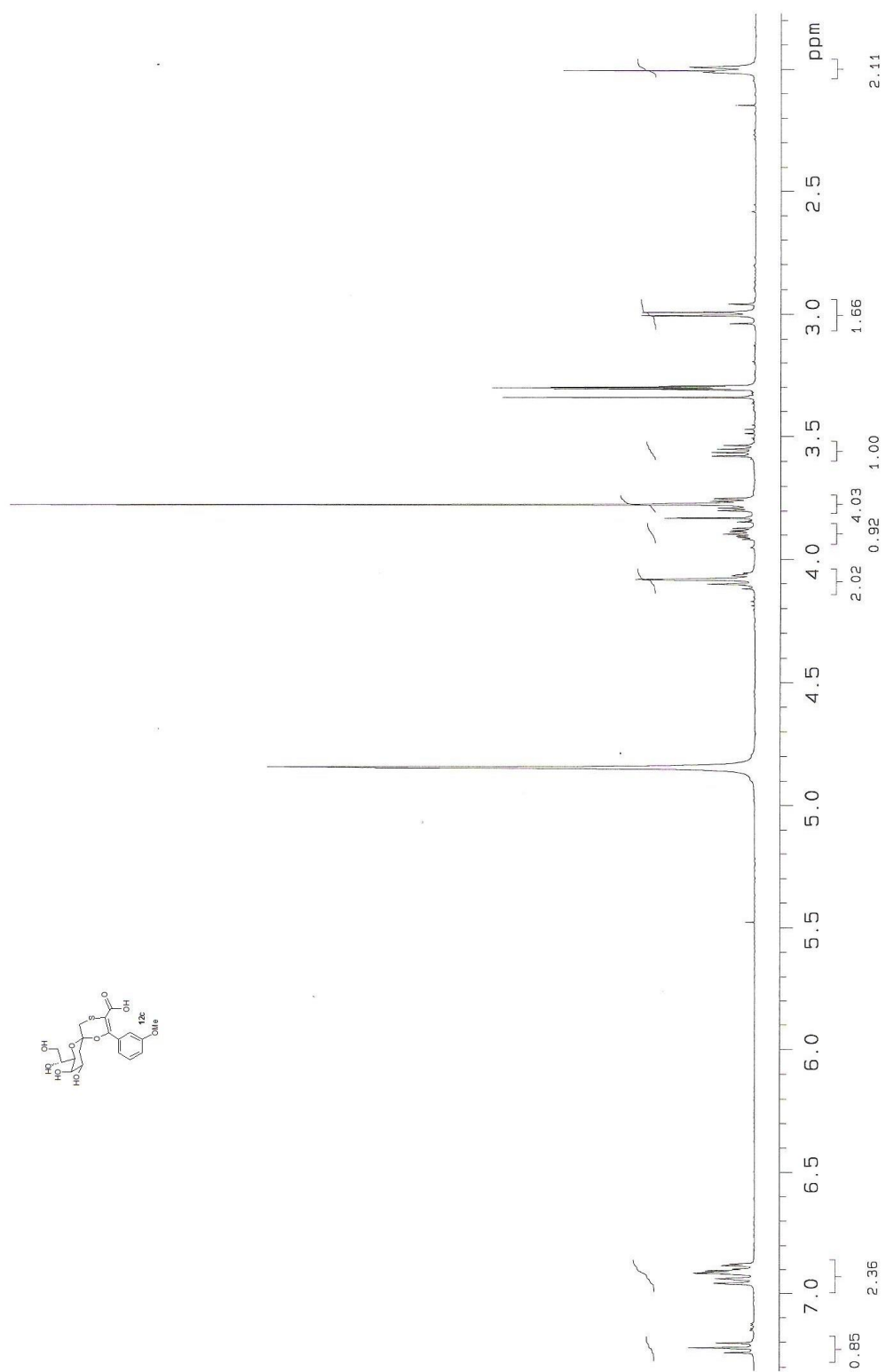
¹H MNR spectrum (400MHz, CDCl₃) Compound **12b**



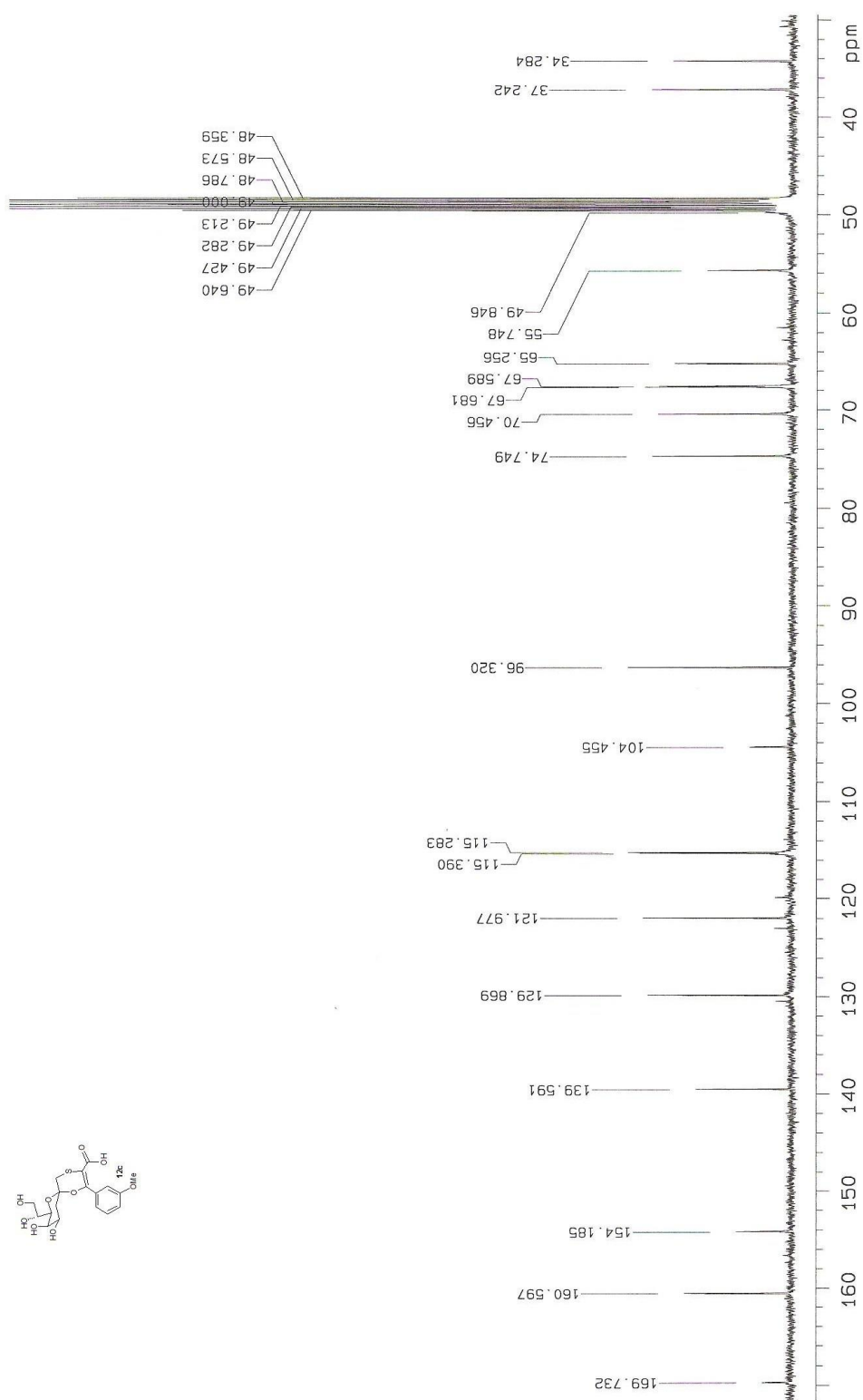
¹³C NMR spectrum (100MHz, CDCl₃) Compound **12b**

gDQCOSY NMR spectrum (400MHz, CDCl₃) Compound **12b**

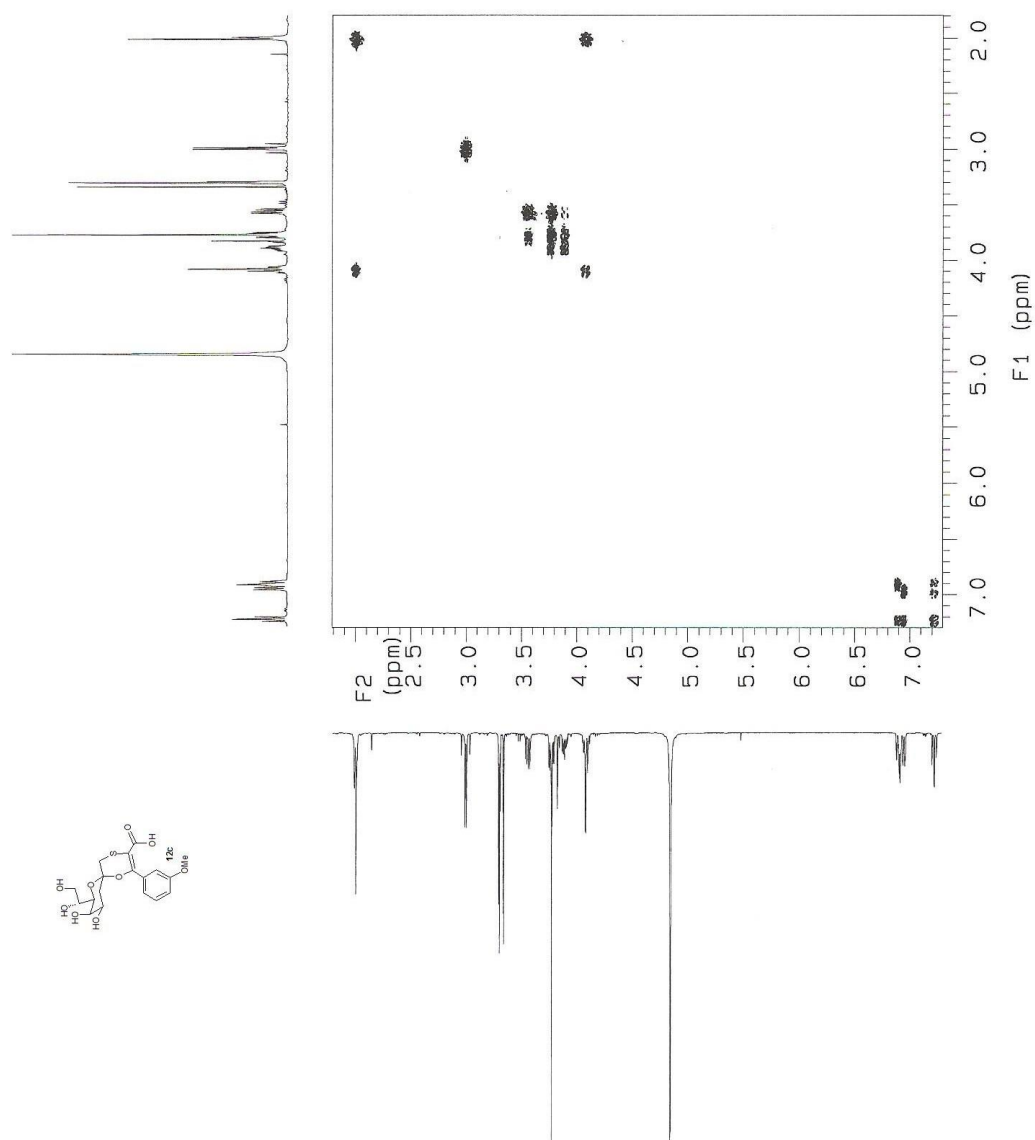
gHSQC NMR spectrum (400MHz, CDCl₃) Compound 12b

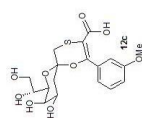


¹H NMR spectrum (400MHz, CDCl₃) Compound 12c

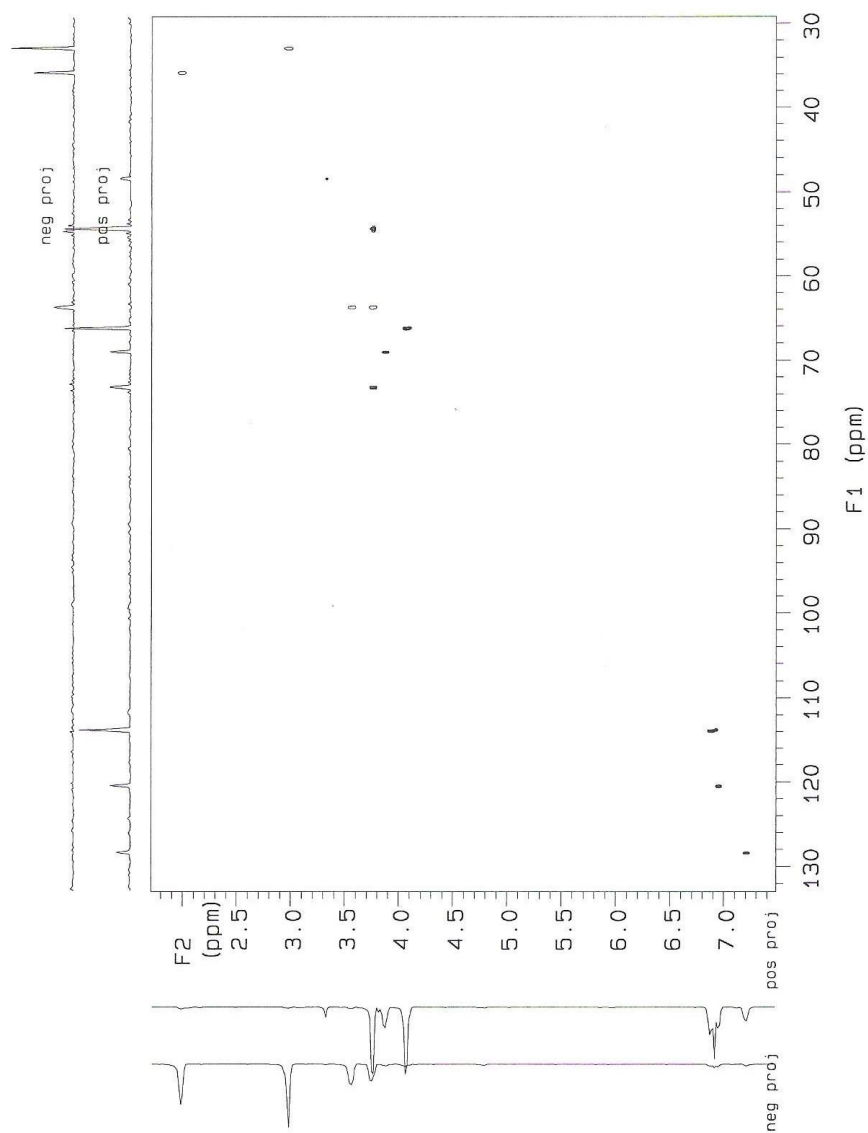


¹³C NMR spectrum (50MHz, CDCl₃) Compound 12c

gDQCOSY NMR spectrum (400MHz, CD₃OD), Compound **12c**



Relax. delay 1.000 sec
 Acq. time 0.150 sec
 Width 6410.3 Hz
 2D Width 24154.6 Hz
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 Gauss apodization 0.069 sec
 F1 DATA PROCESSING
 Gauss apodization 0.039 sec
 FT size 2048 x 8192
 Total time 0 min, -1 sec



gHSQC NMR spectrum (400MHz, CDCl₃), Compound **12c**