

S1 Supplementary data contents page

Title: Steroidal Saponins from Fresh Stems of *Dracaena angustifolia*

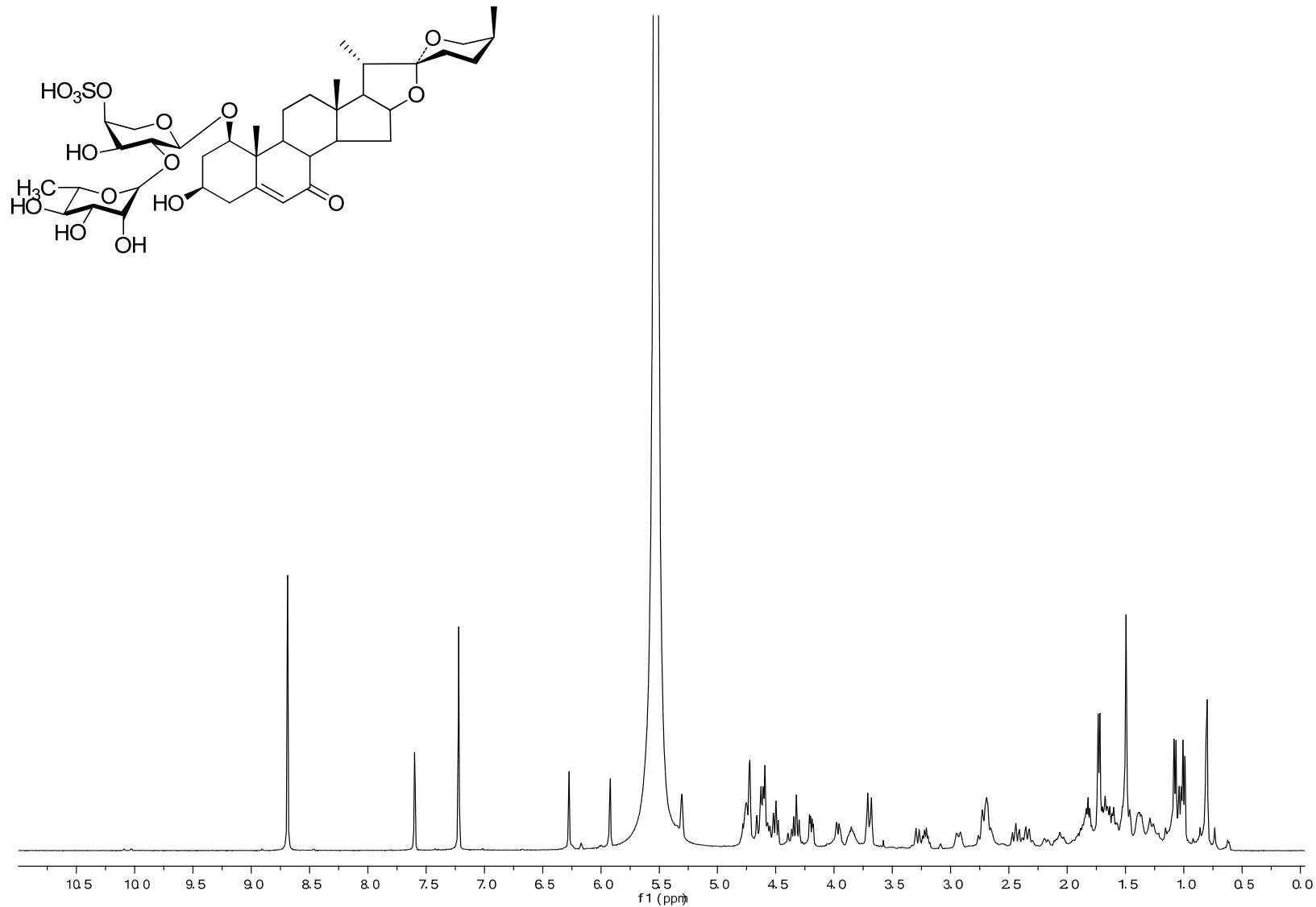
Authors: Min Xu, Ying-Jun Zhang, Melissa R. Jacob, Shabana I. Khan, Xing-Cong Li, Chong-Ren Yang

Address: Kunming Institute of Botany, Chinese Academy of Sciences, Kunming 650204, China; National Center for Natural Products Research, University of Mississippi, MS 38677, USA; Weihe Biotech Laboratory, 653100, Yuxi, Yunnan, P. R. China

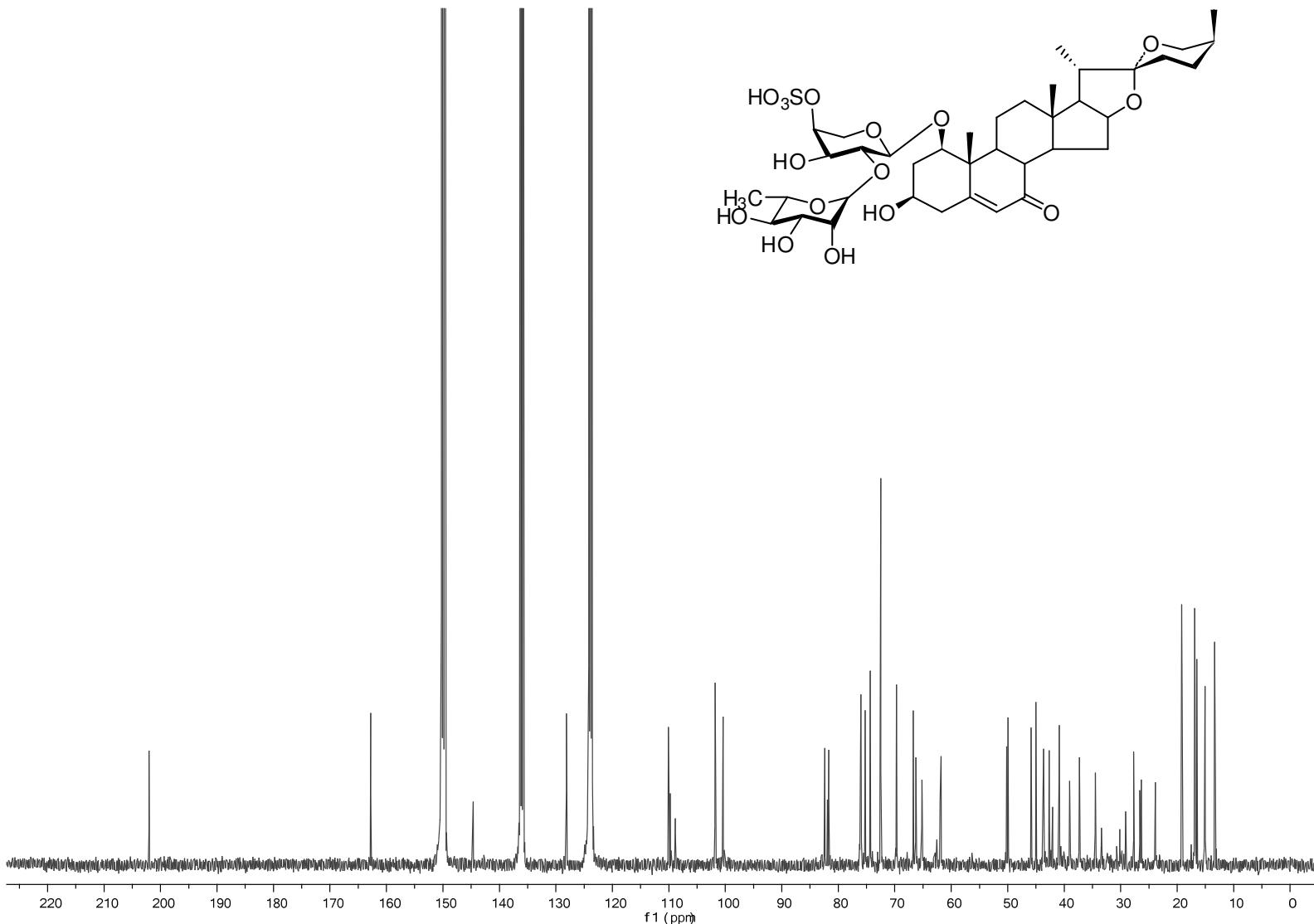
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- S3 ^{13}C NMR spectrum of Angudracanoside A (**1**) in pyridine- d_5
- S4 HSQC spectrum of Angudracanoside A (**1**) in pyridine- d_5
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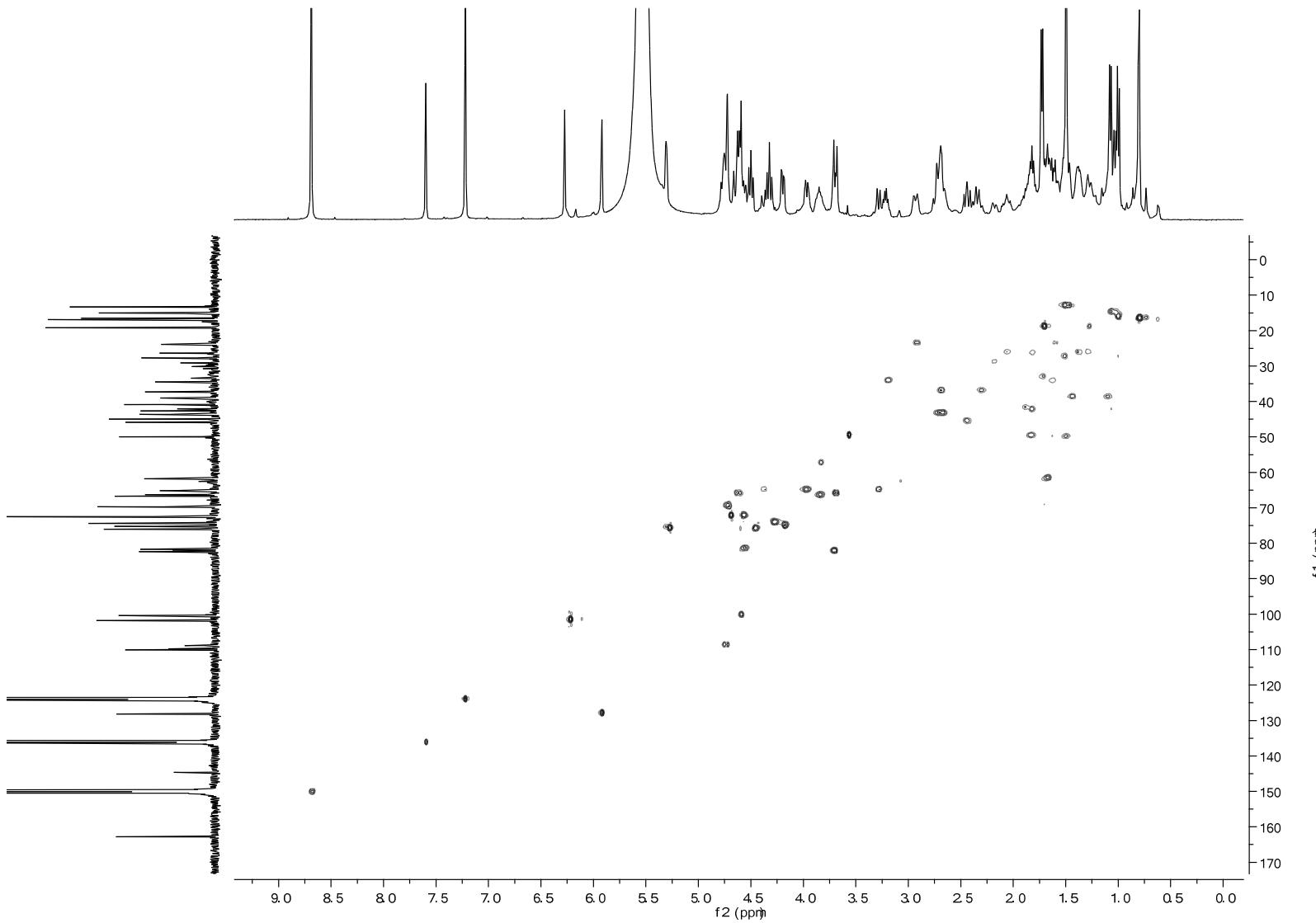
S2 ^1H NMR spectrum for Angudracanoside A (**1**) in pyridine-*d*₅



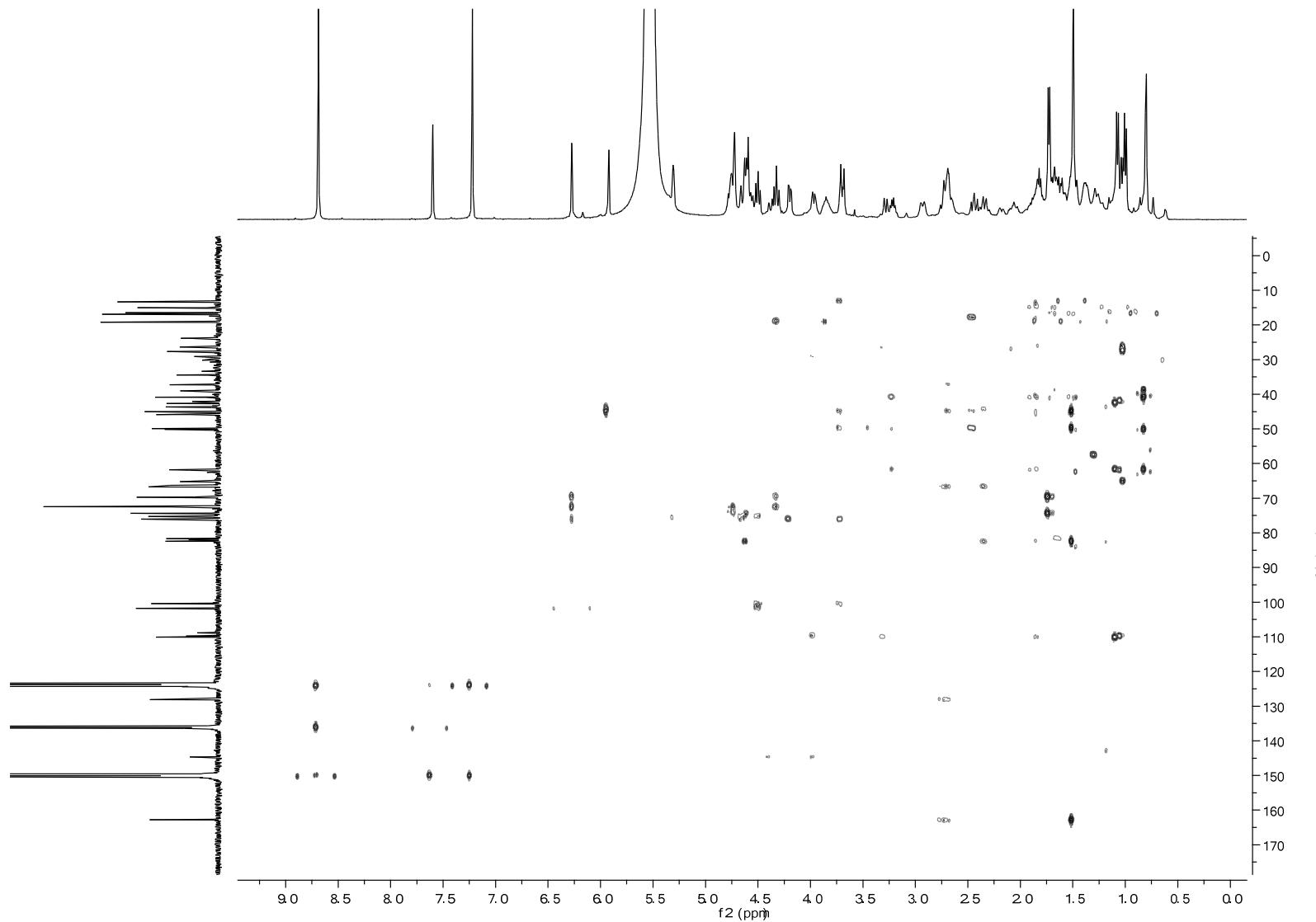
S3 ^{13}C NMR spectrum for Angudracanoside A (1) in pyridine- d_5



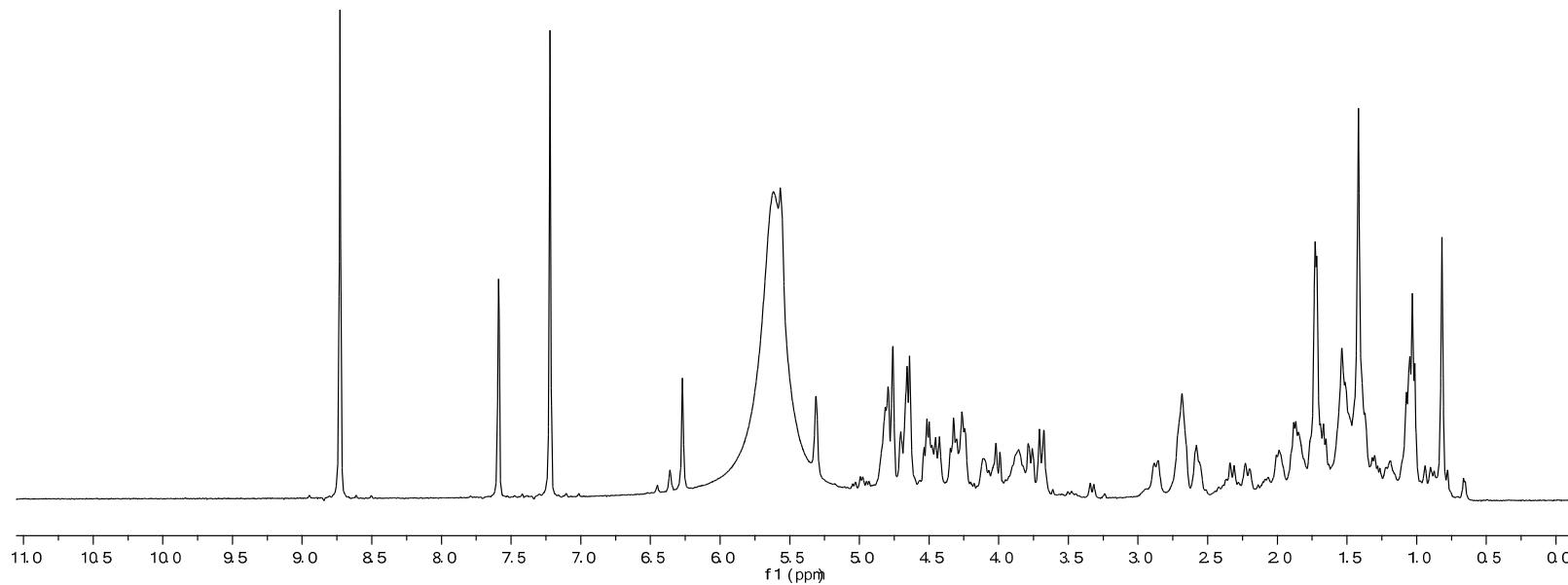
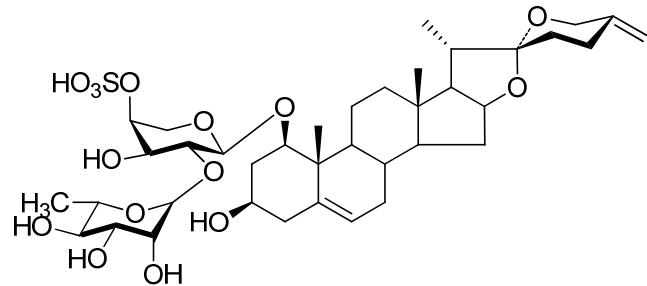
S4 HSQC spectrum for Angudracanoside A (1) in pyridine-*d*₅



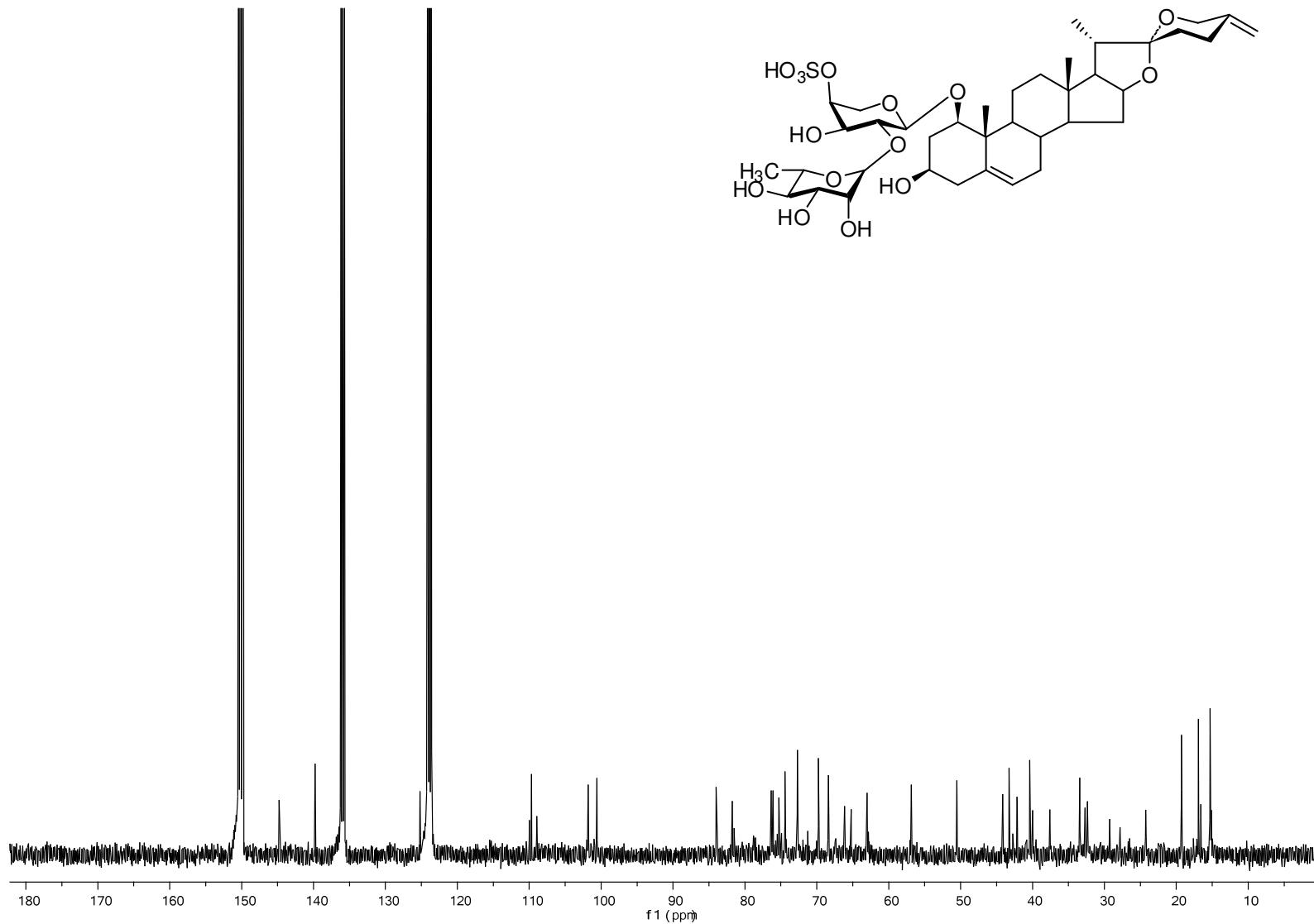
S5 HMBC spectrum for Angudracanoside A (1) in pyridine-*d*₅



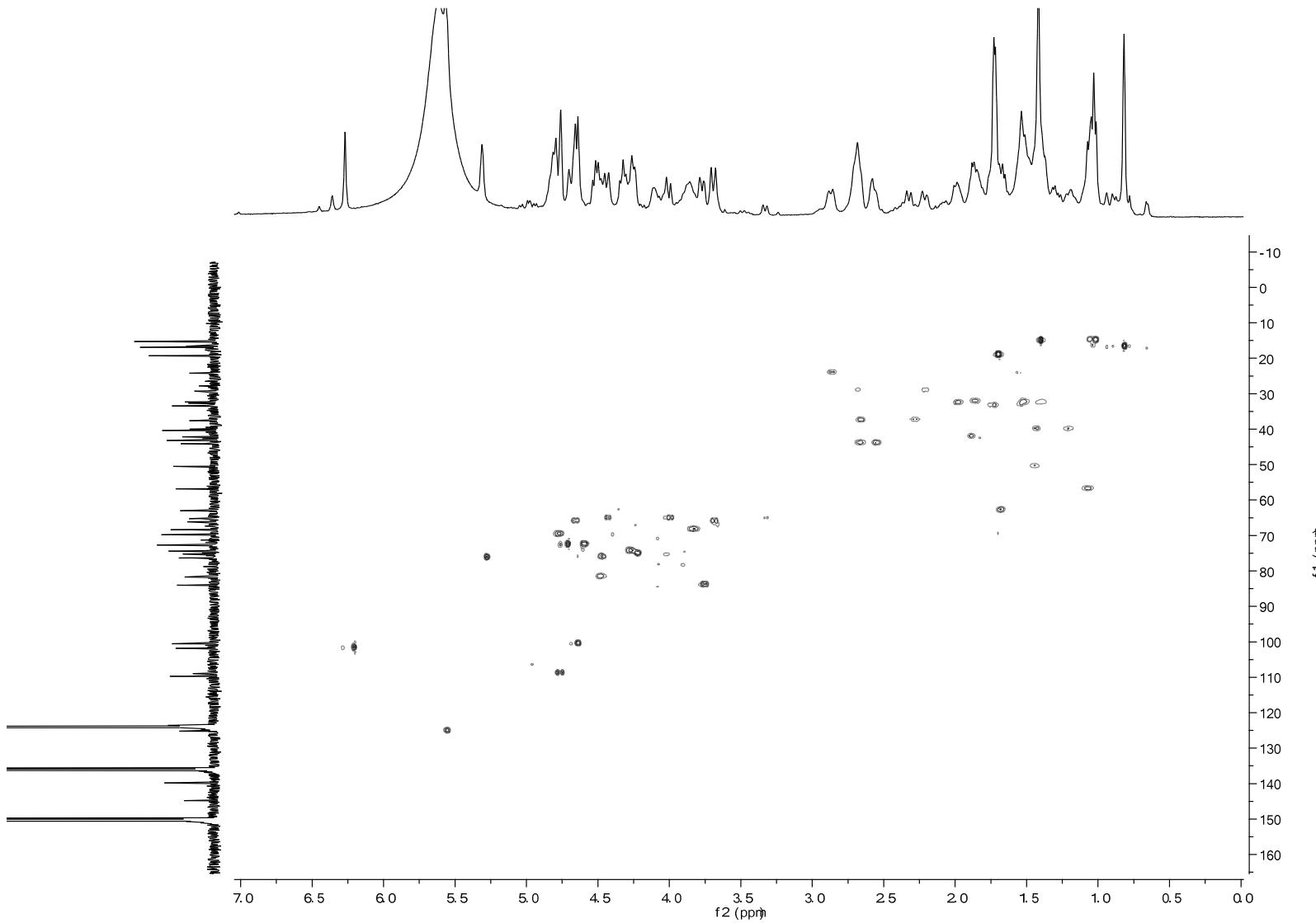
S6 ^1H NMR spectrum for Angudracanoside B (2) in pyridine- d_5



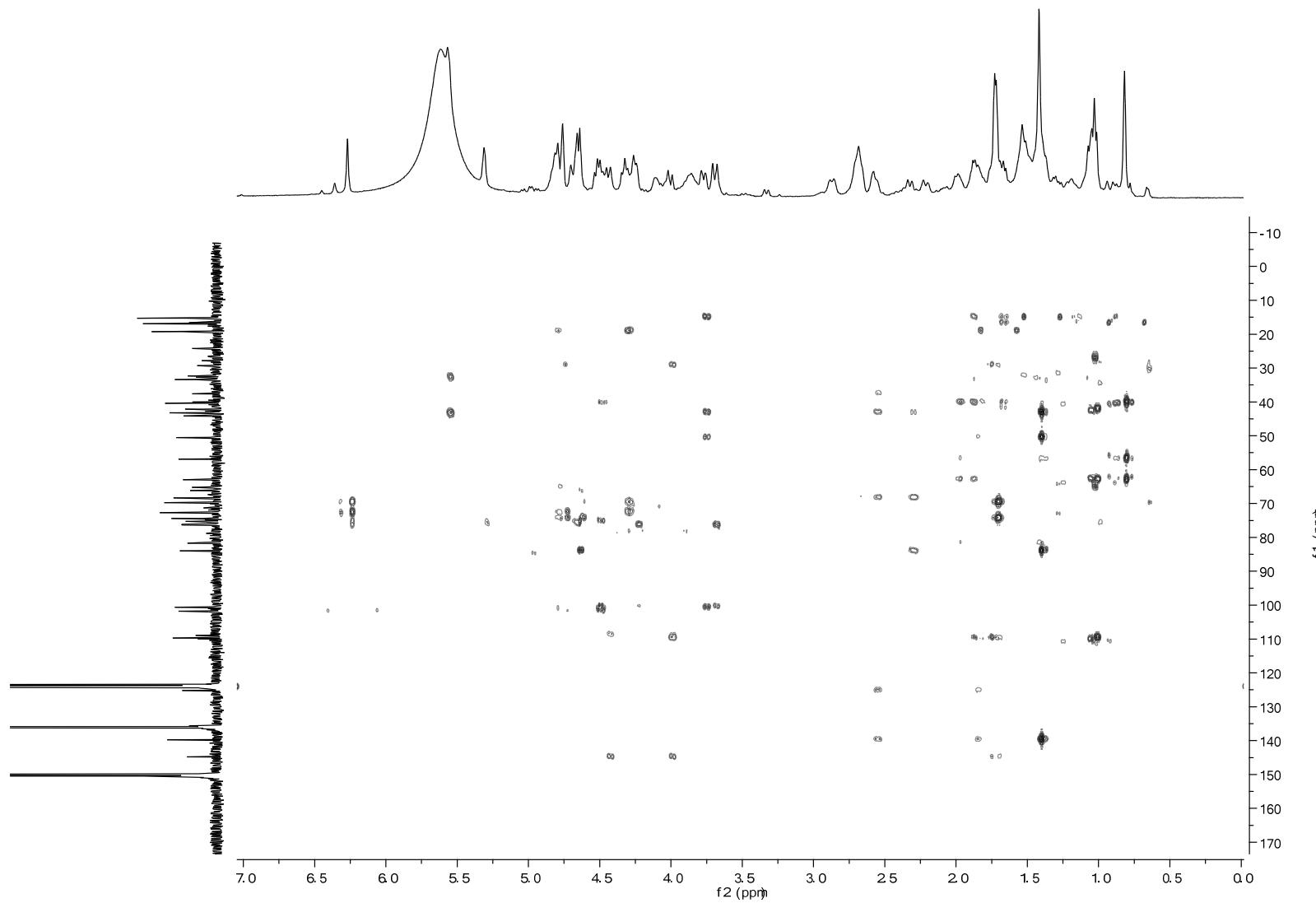
S7 ^{13}C NMR spectrum for Angudracanoside B (2) in pyridine- d_5



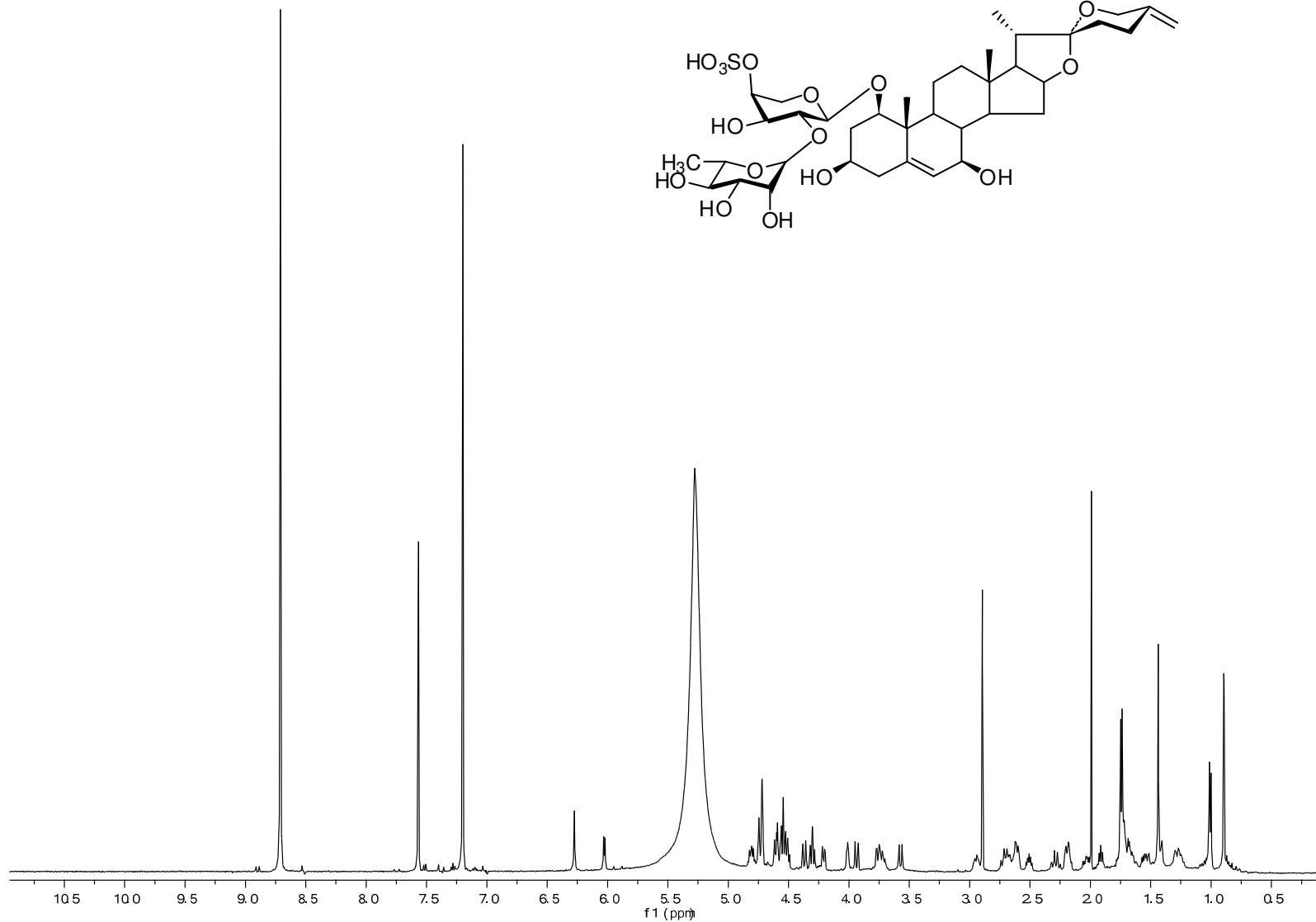
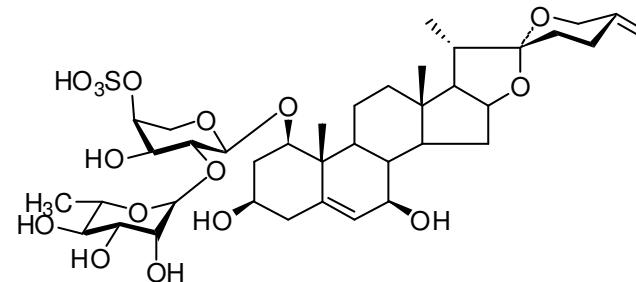
S8 HSQC spectrum for Angudracanoside B (2) in pyridine-*d*₅



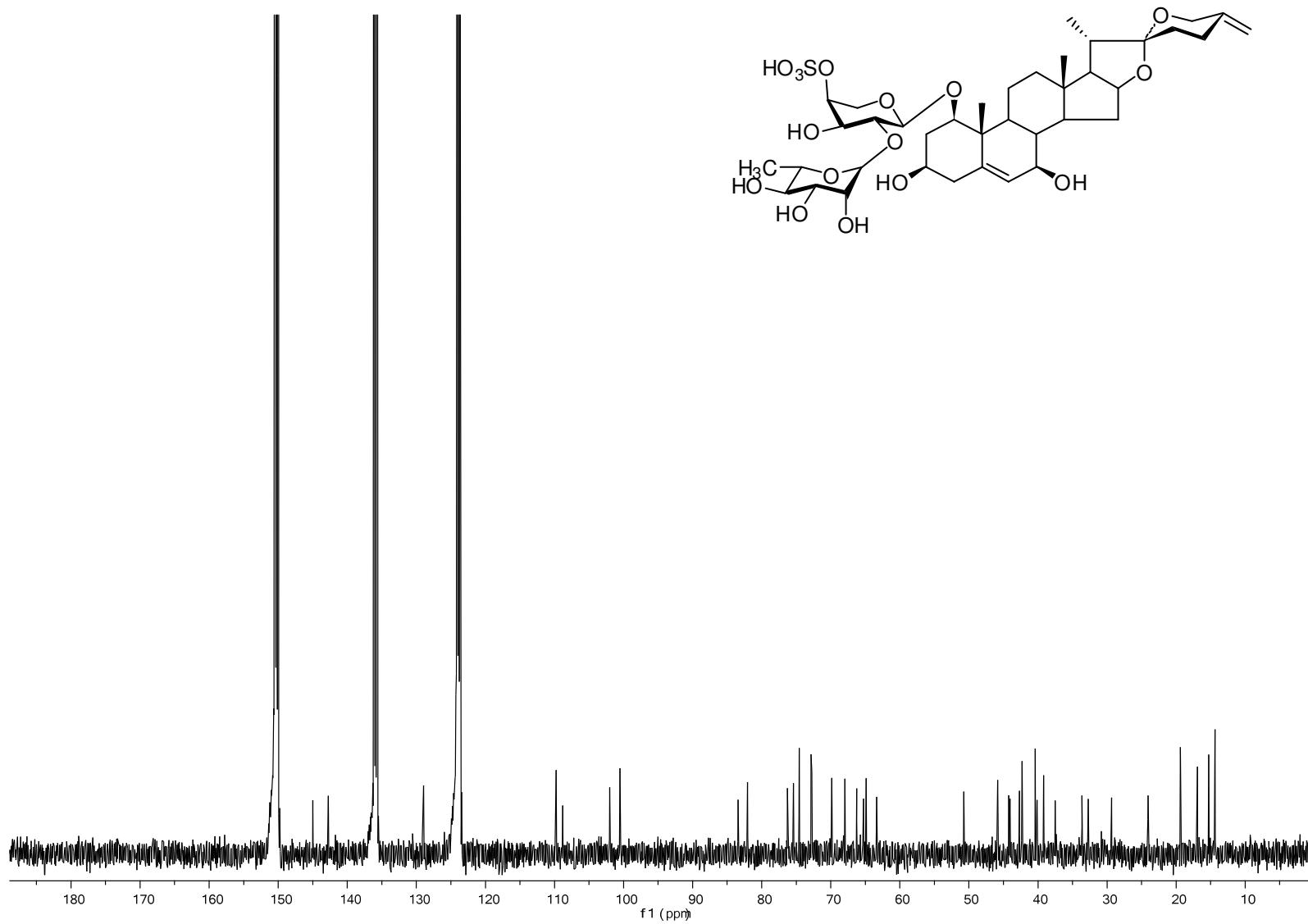
S9 HMBC spectrum for Angudracanoside B (2) in pyridine-*d*₅



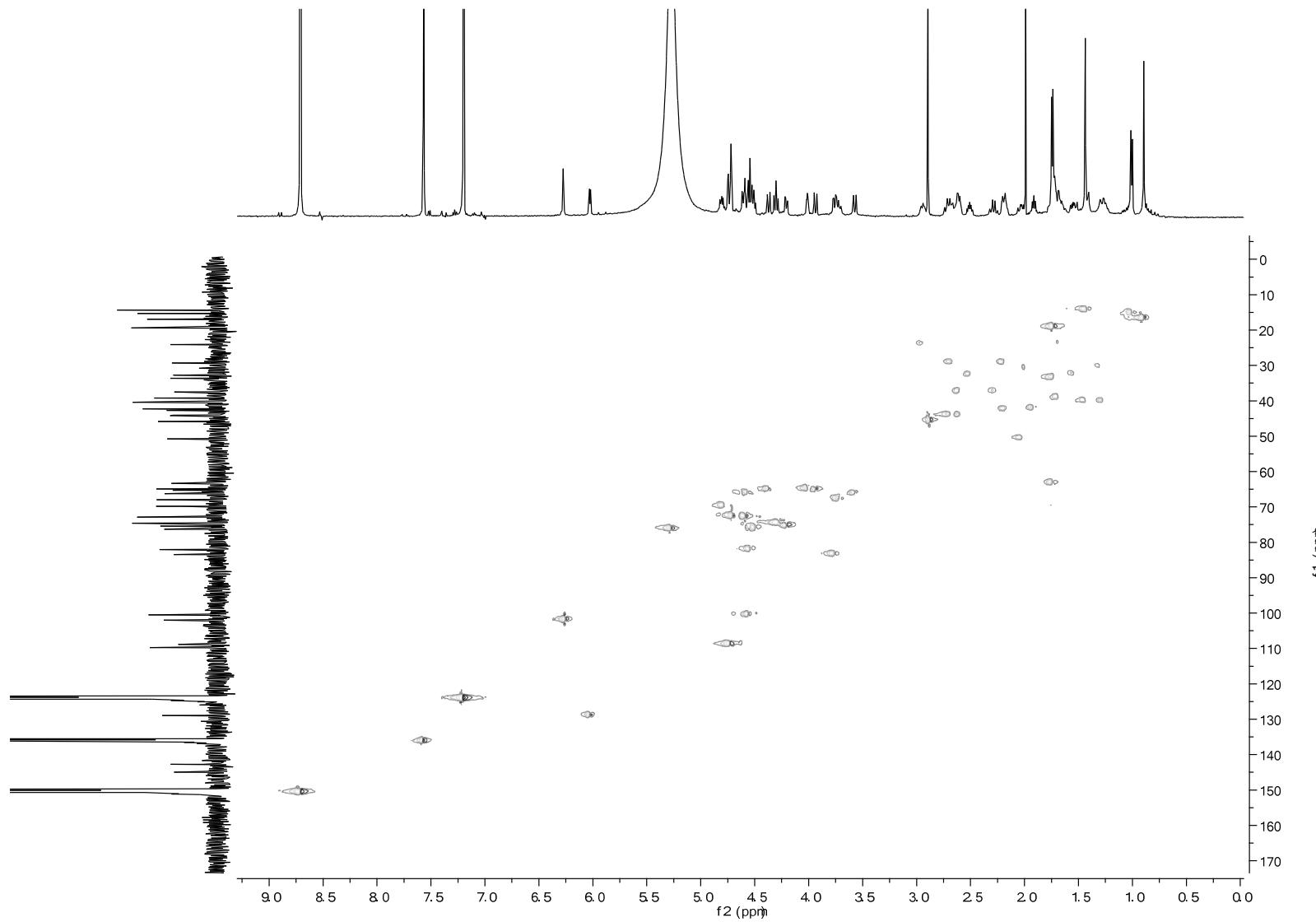
S10 ^1H NMR spectrum for Angudracanoside C (3) in pyridine- d_5



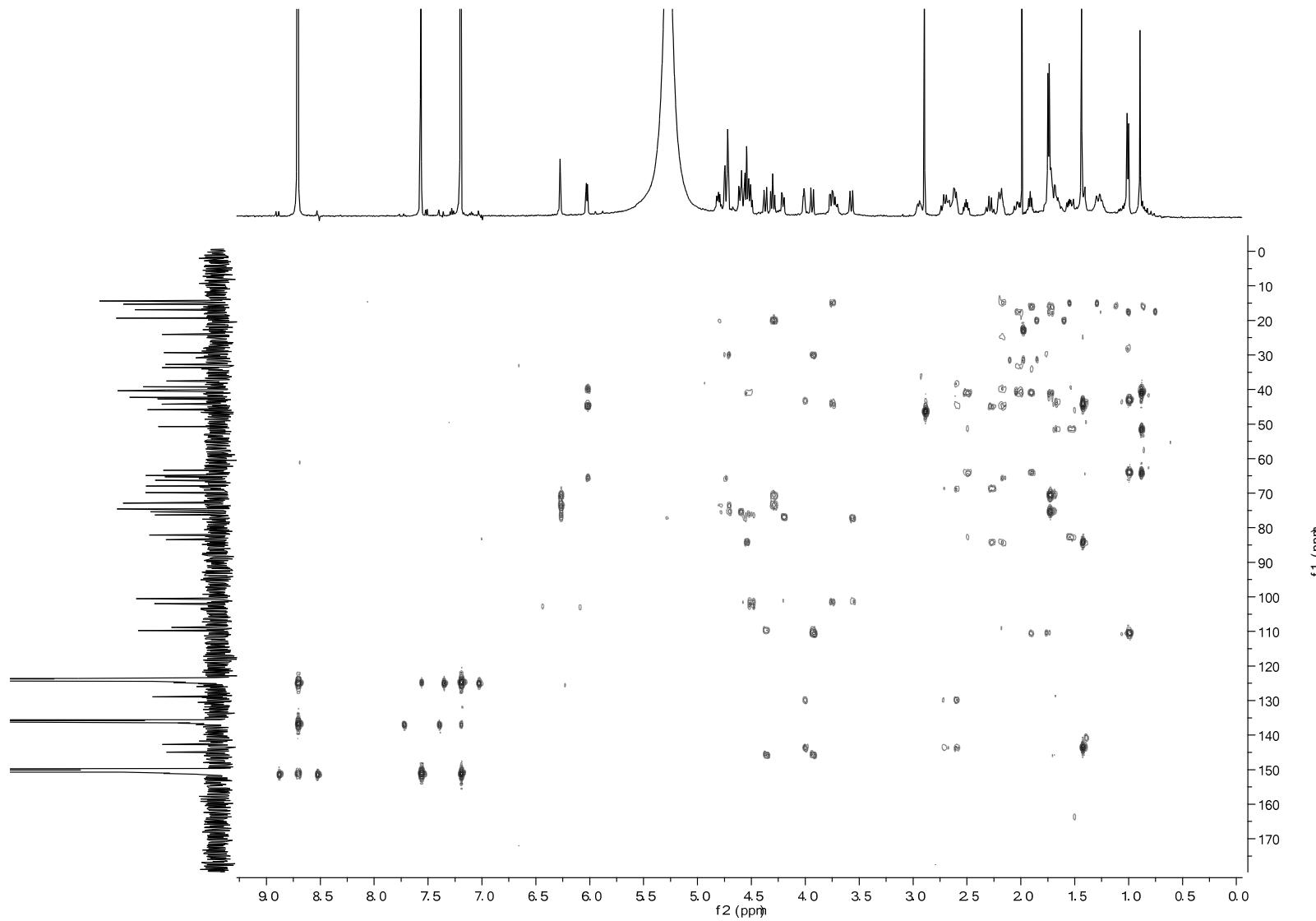
S11 ^{13}C NMR spectrum for Angudracanoside C (3) in pyridine- d_5



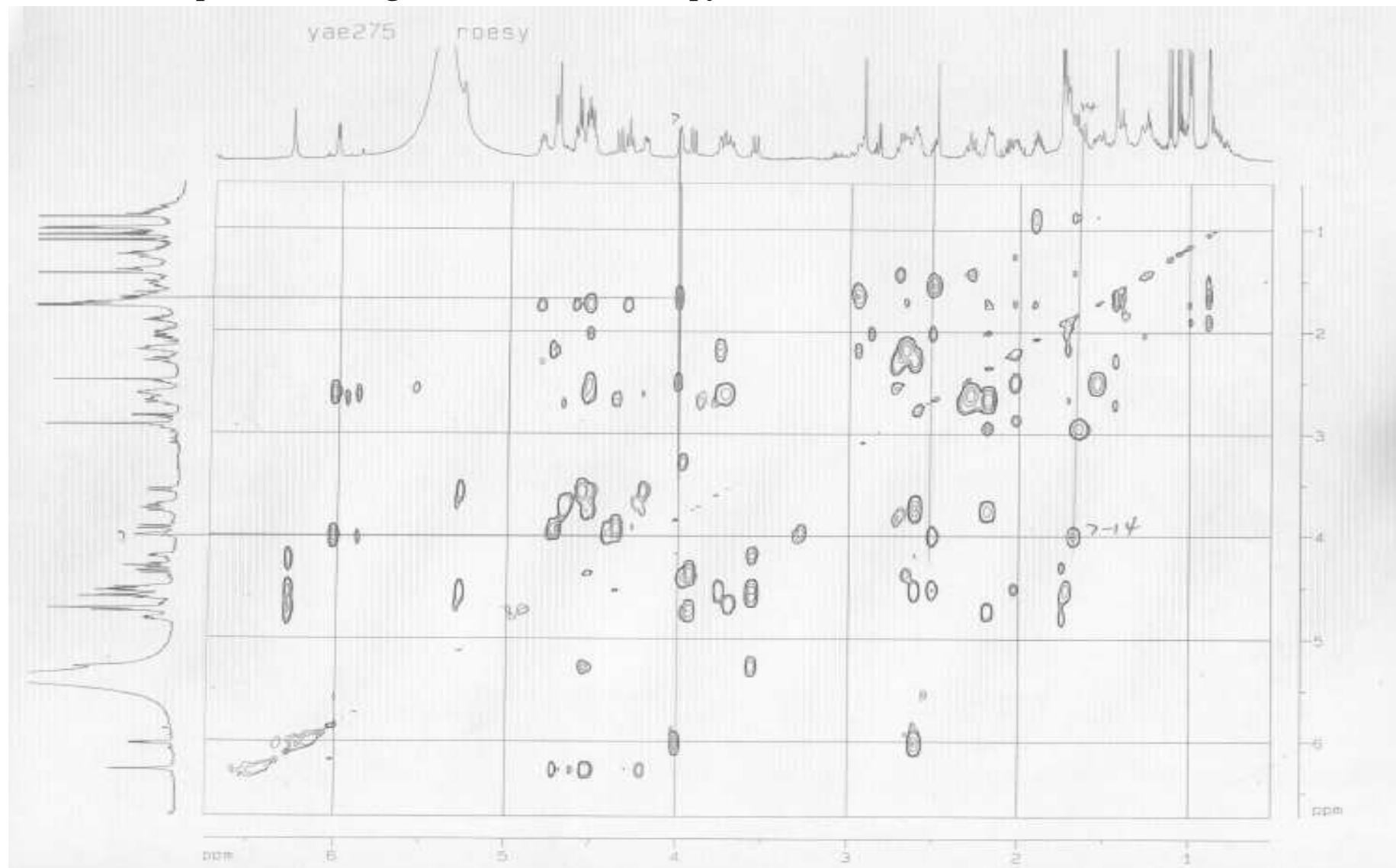
S12 HSQC spectrum for Angudracanoside C (3) in pyridine-*d*₅



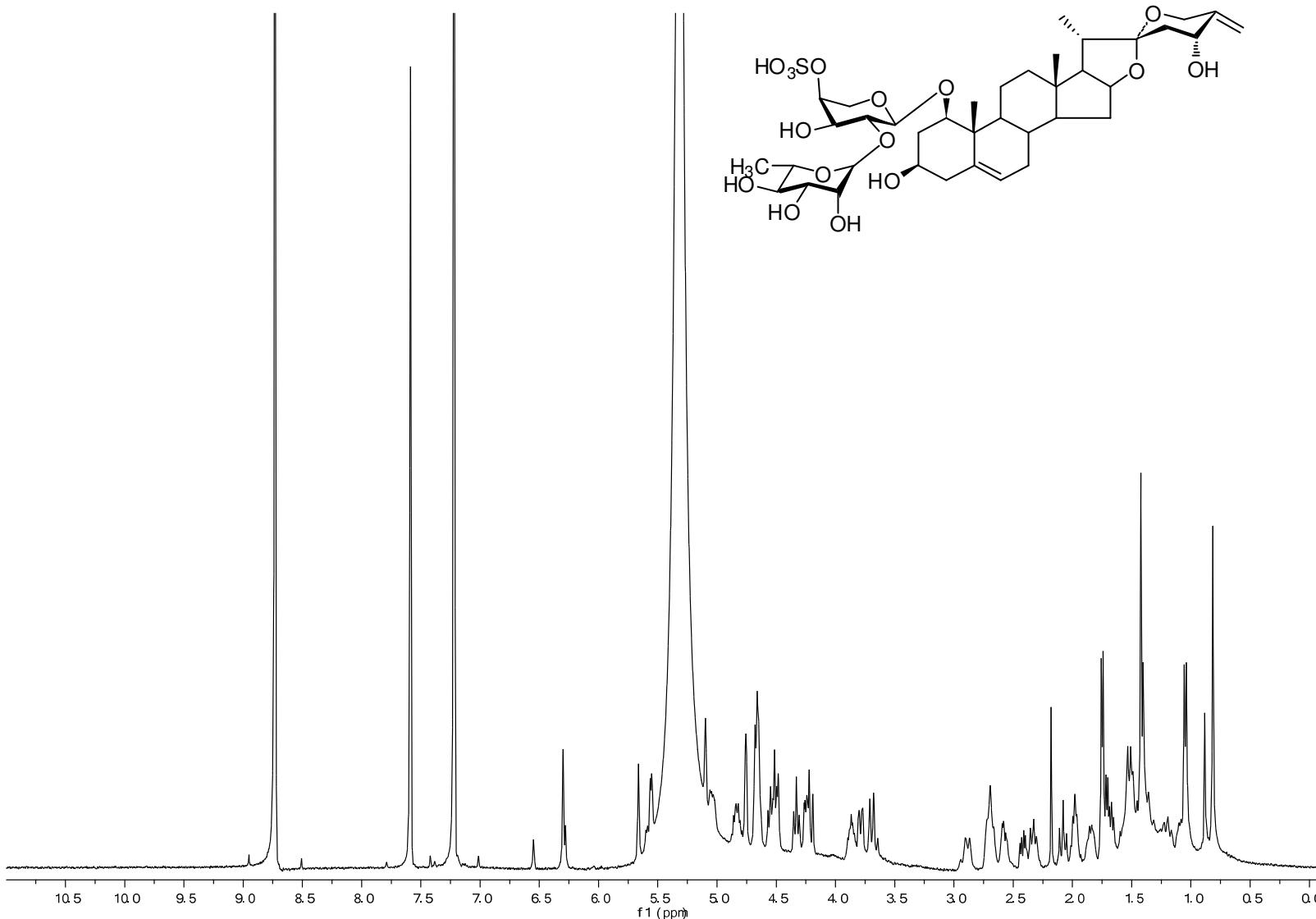
S13 HMBC spectrum for Angudracanoside C (3) in pyridine-*d*₅



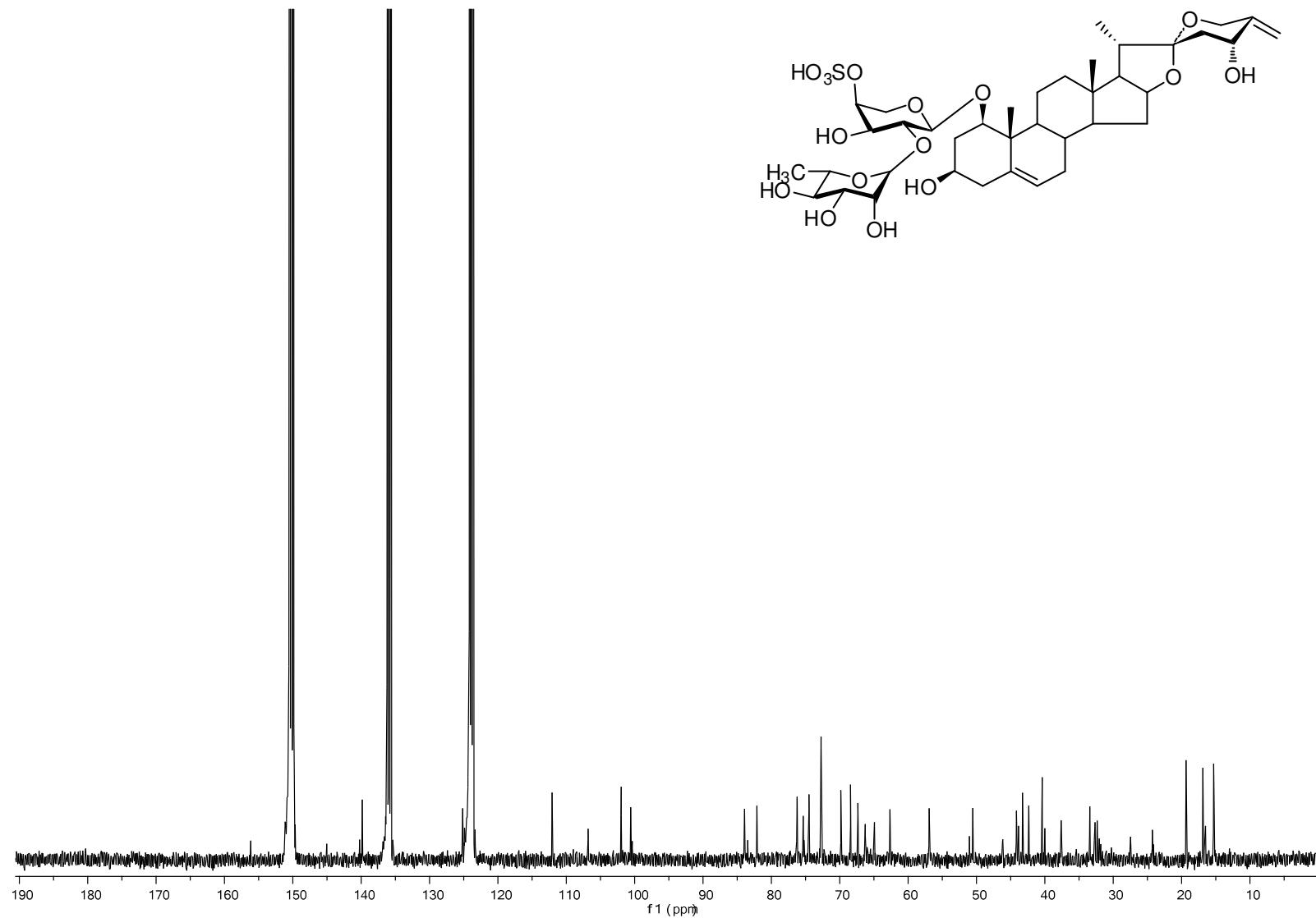
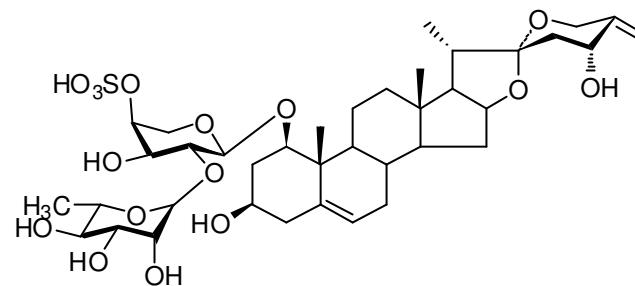
S14 ROESY spectrum of Angudracanoside C (3) in pyridine-*d*₅



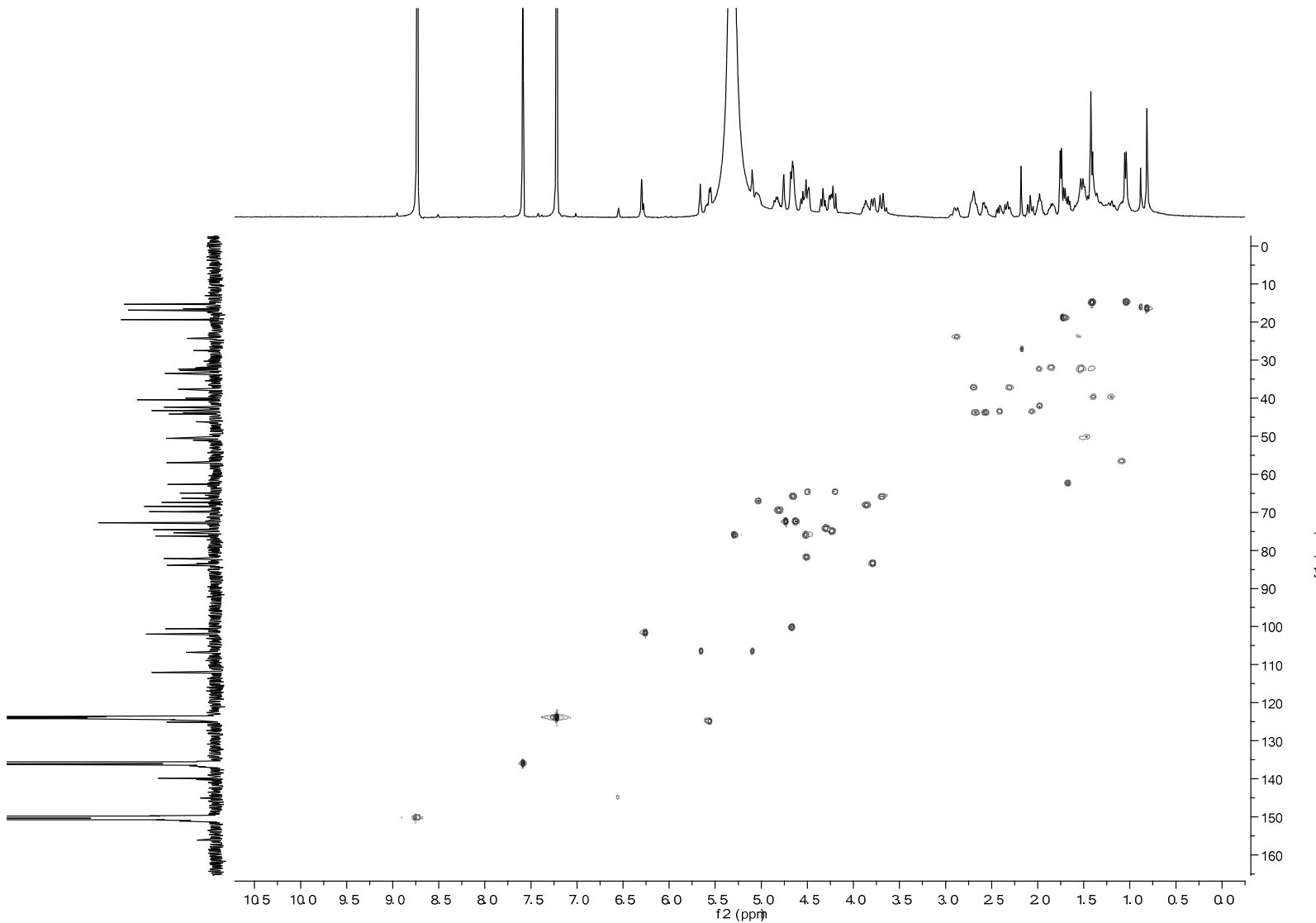
S15 ^1H NMR spectrum of Angudracanoside D (4) in pyridine- d_5



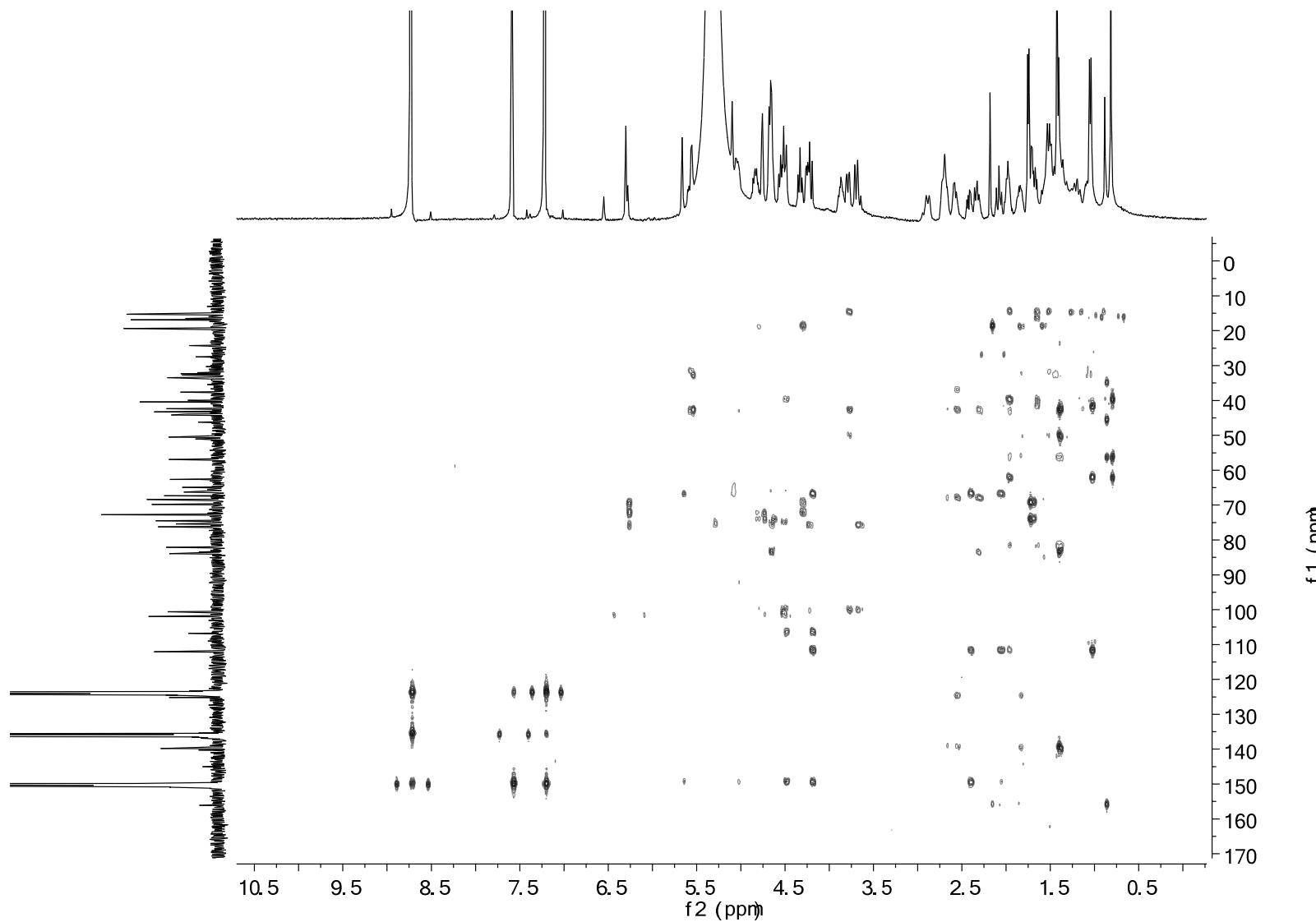
S16 ^{13}C NMR spectrum of Angudracanoside D (**4**) in pyridine- d_5



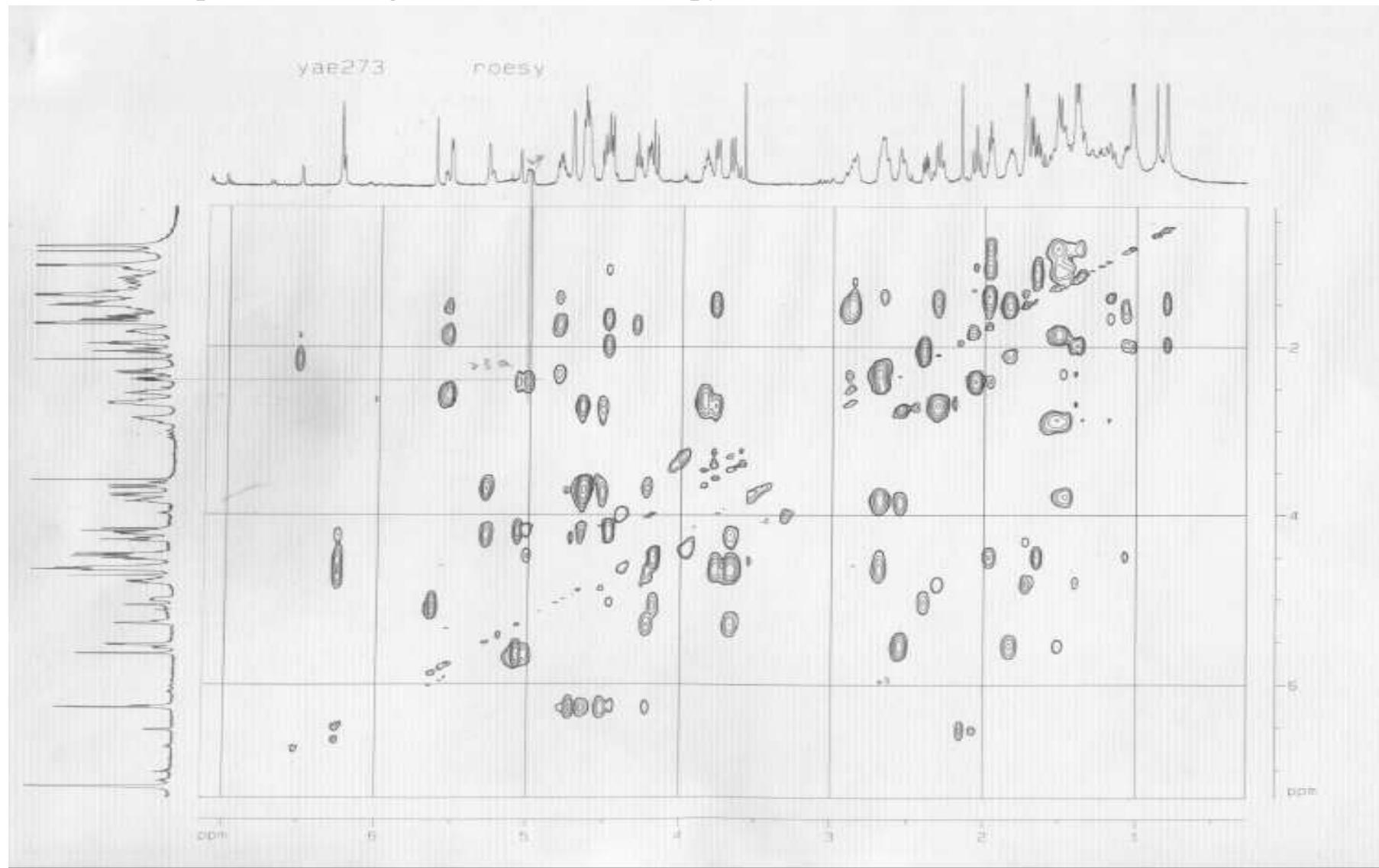
S17 HSQC spectrum of Angudracanoside D (4) in pyridine-*d*₅



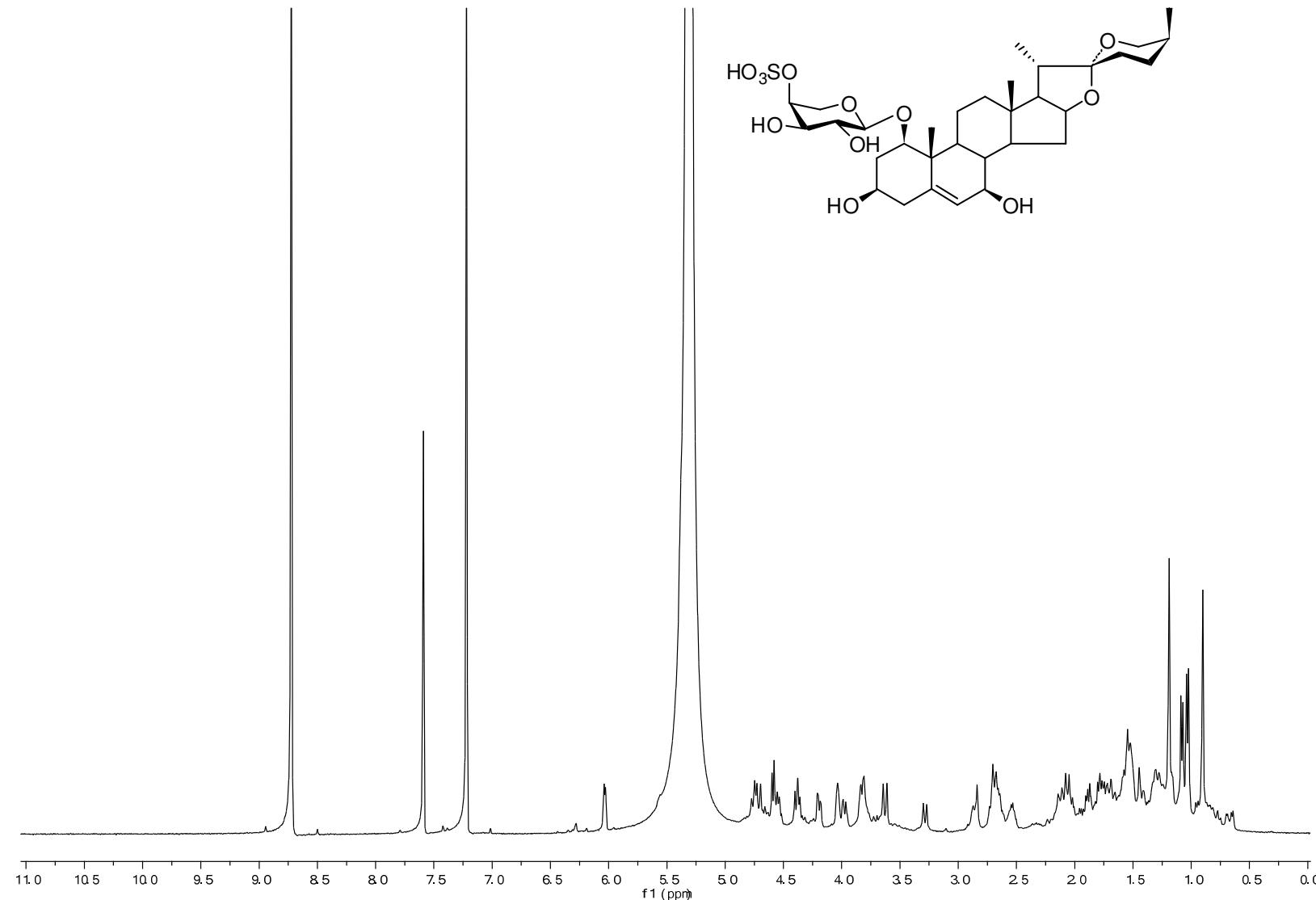
S18 HMBC spectrum of Angudracanoside D (**4**) in pyridine-*d*₅



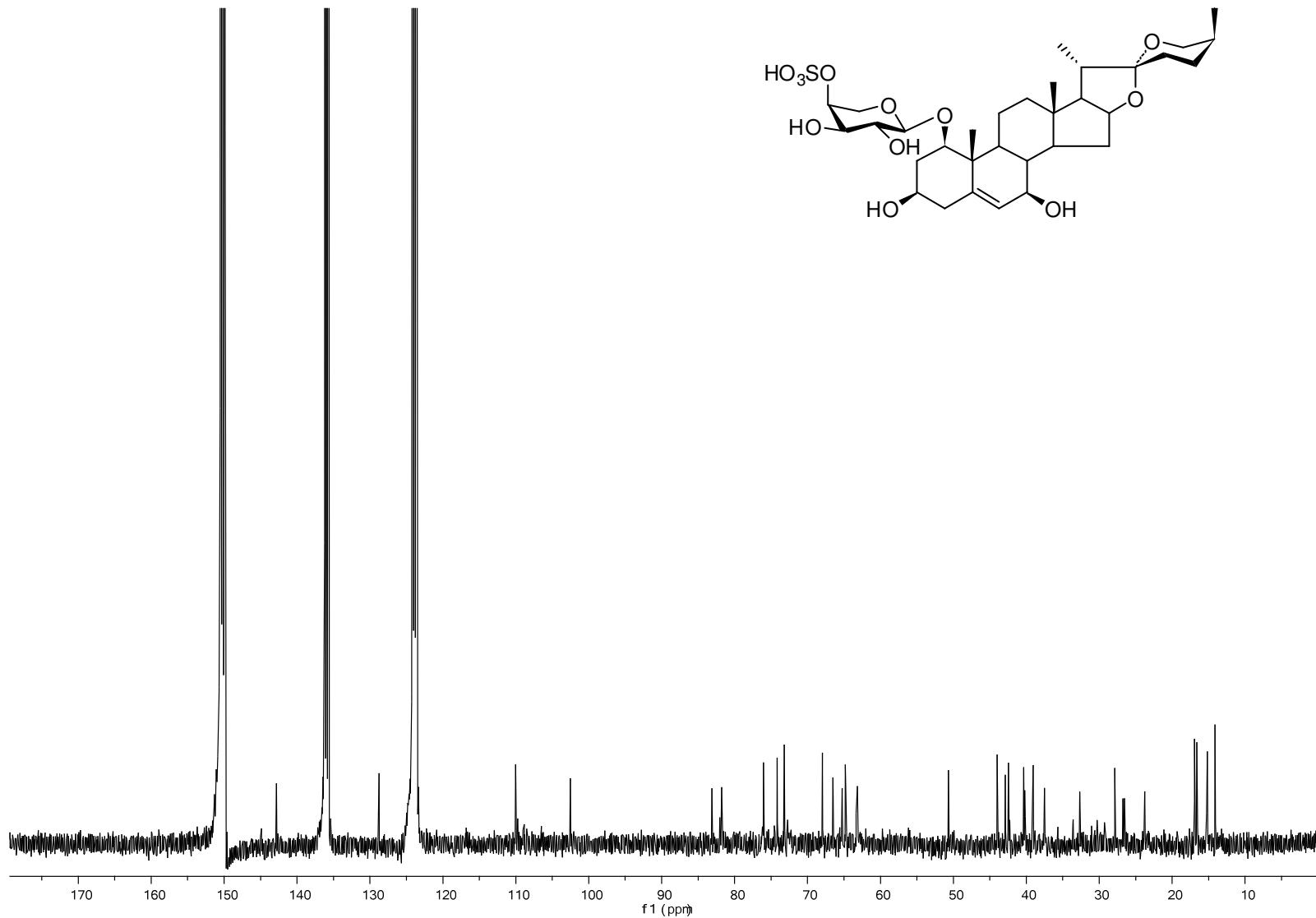
S19 ROESY spectrum of Angudracanoside D (4) in pyridine-*d*₅



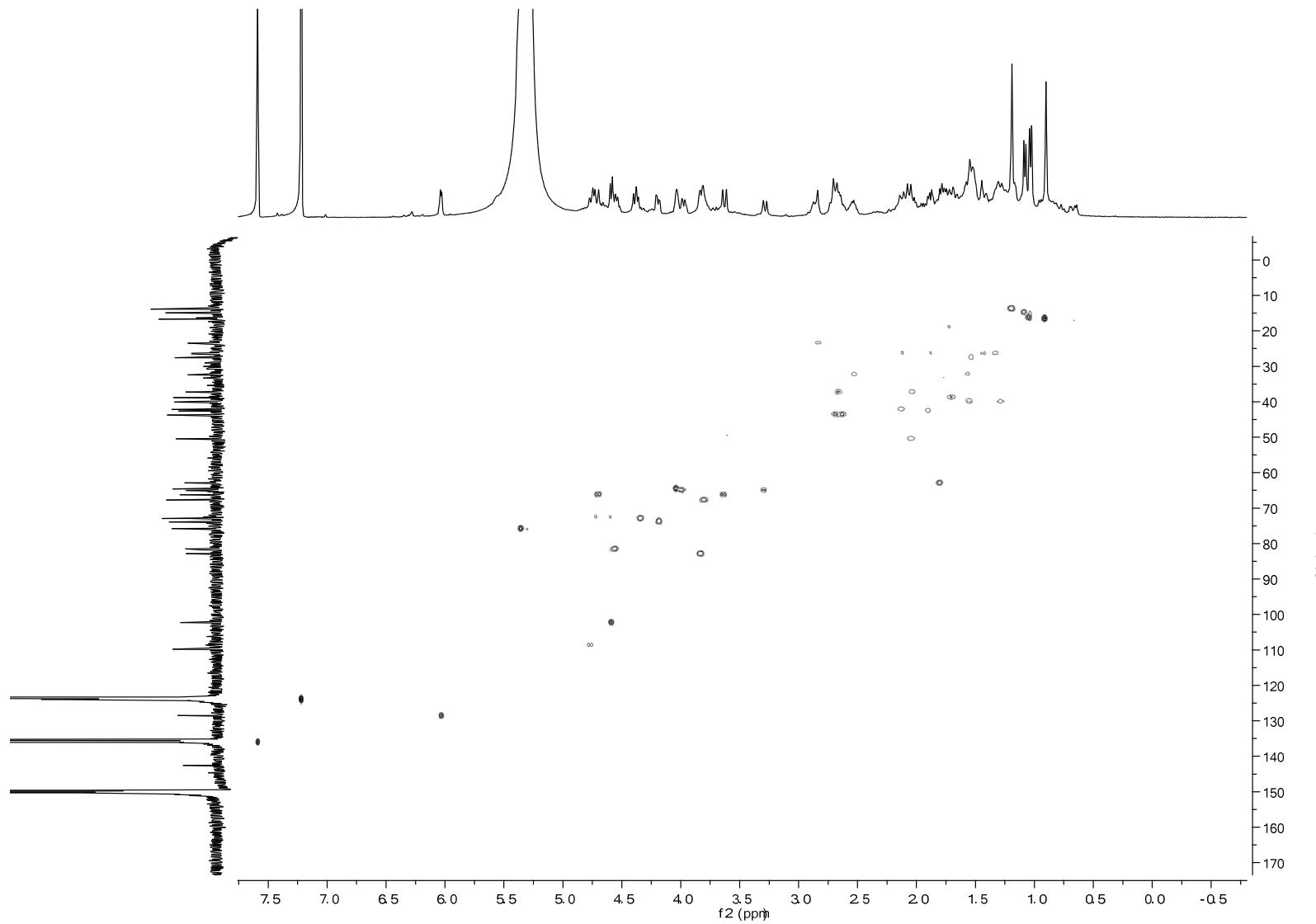
S20 ^1H NMR spectrum of Angudracanoside G (5) in pyridine- d_5



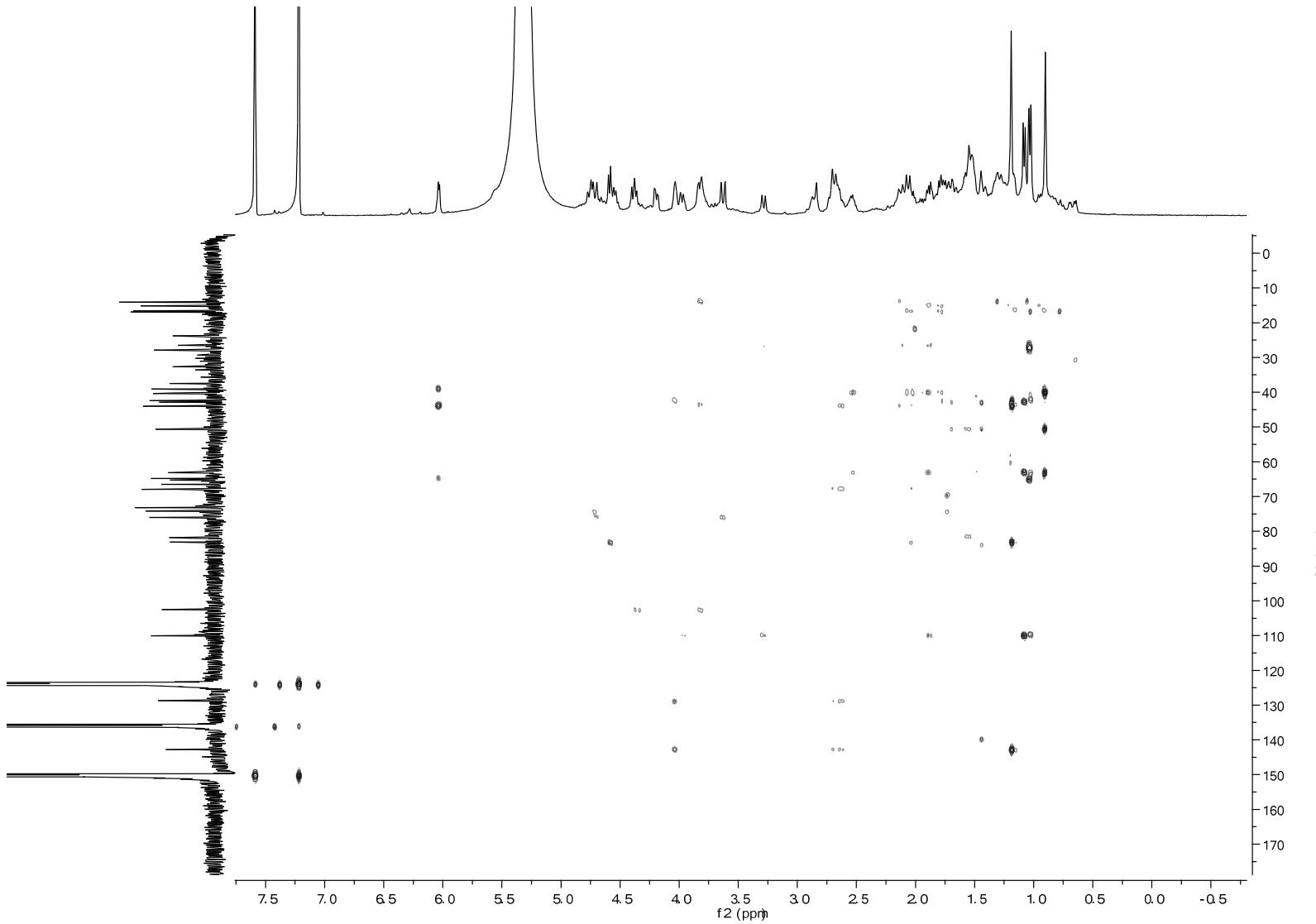
S21 ^{13}C NMR spectrum of Angudracanoside G (5) in pyridine- d_5



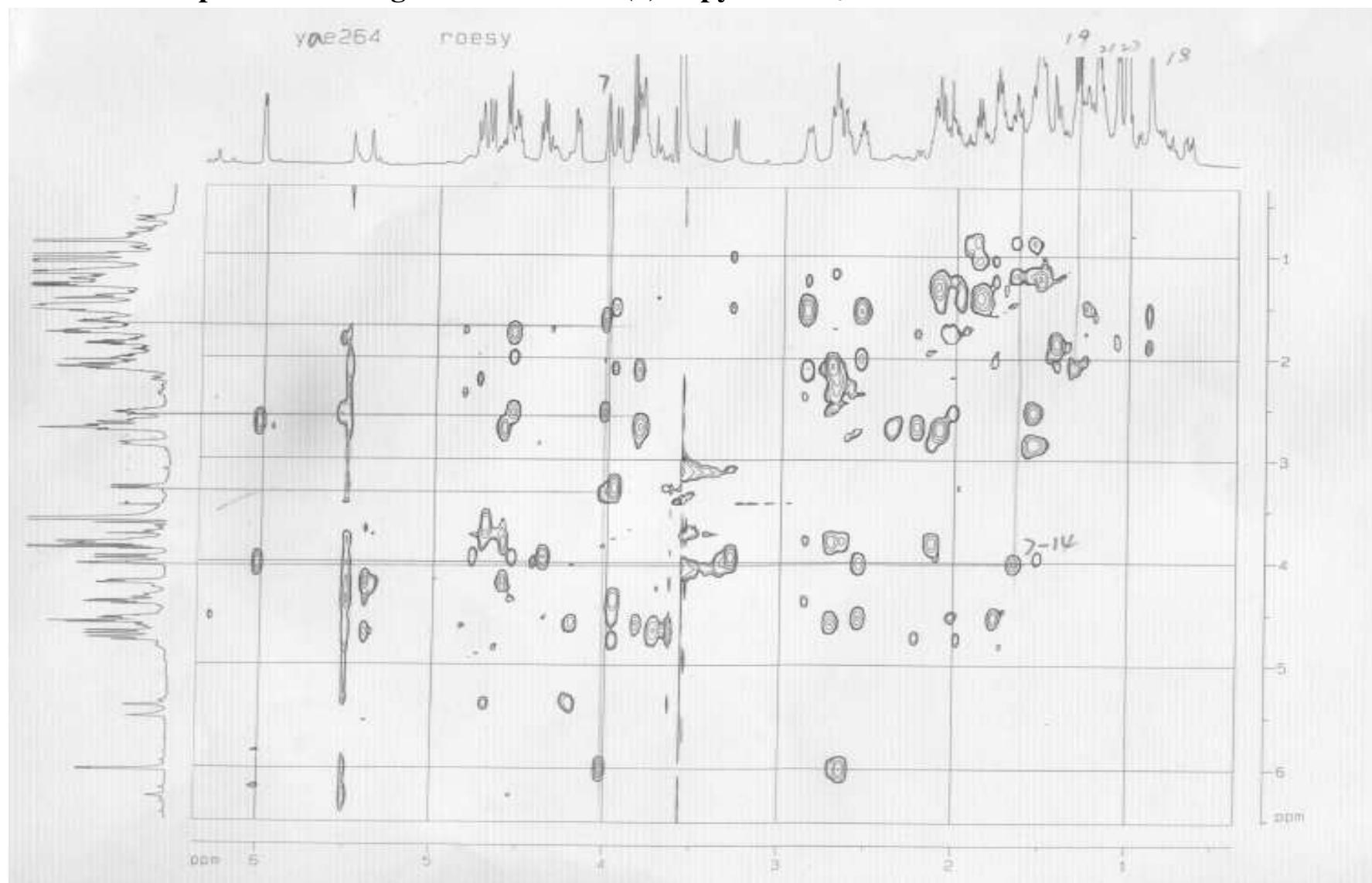
S22 HSQC spectrum of Angudracanoside G (5) in pyridine-*d*₅



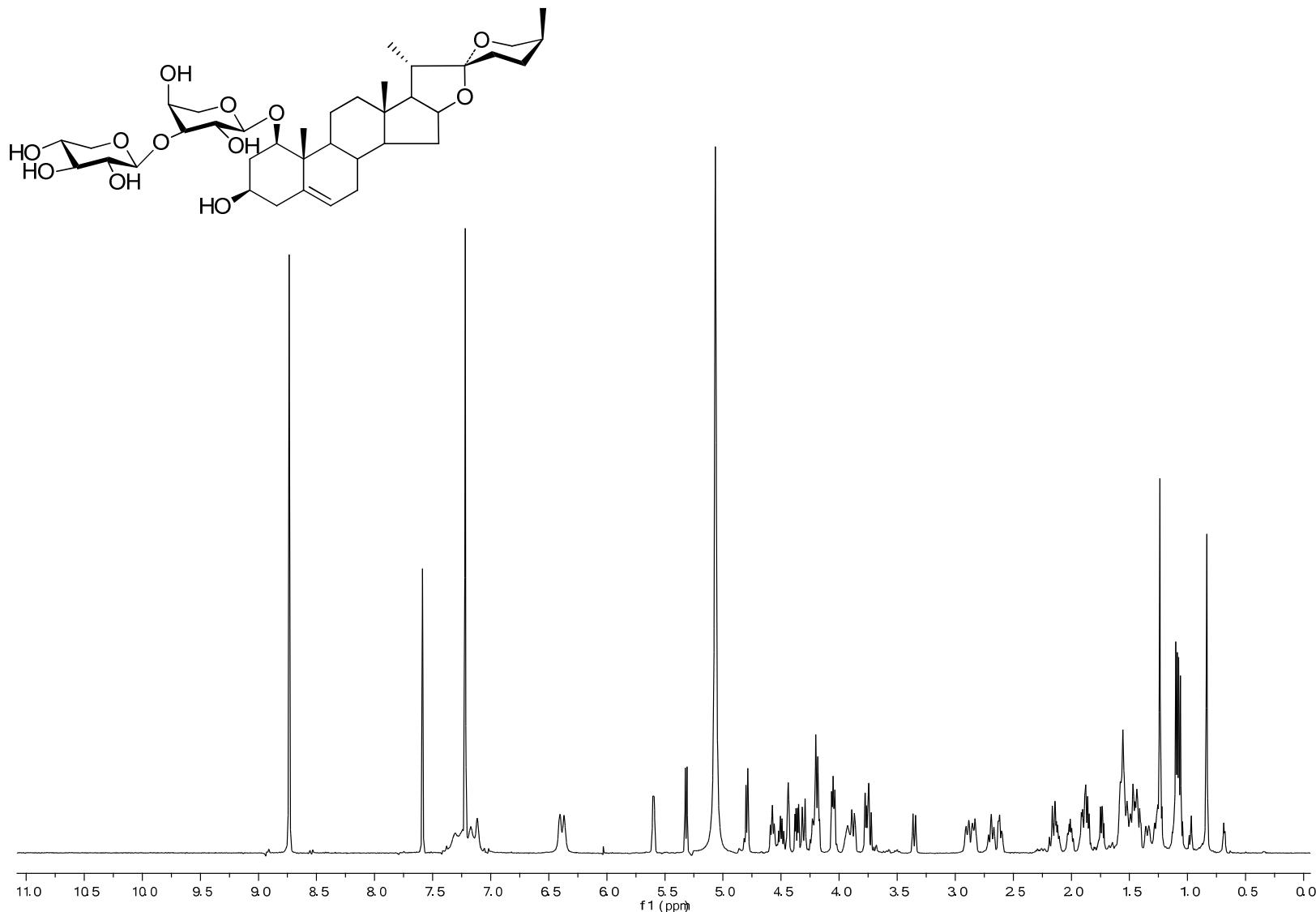
S23 HMBC spectrum of Angudracanoside G (5) in pyridine-*d*₅



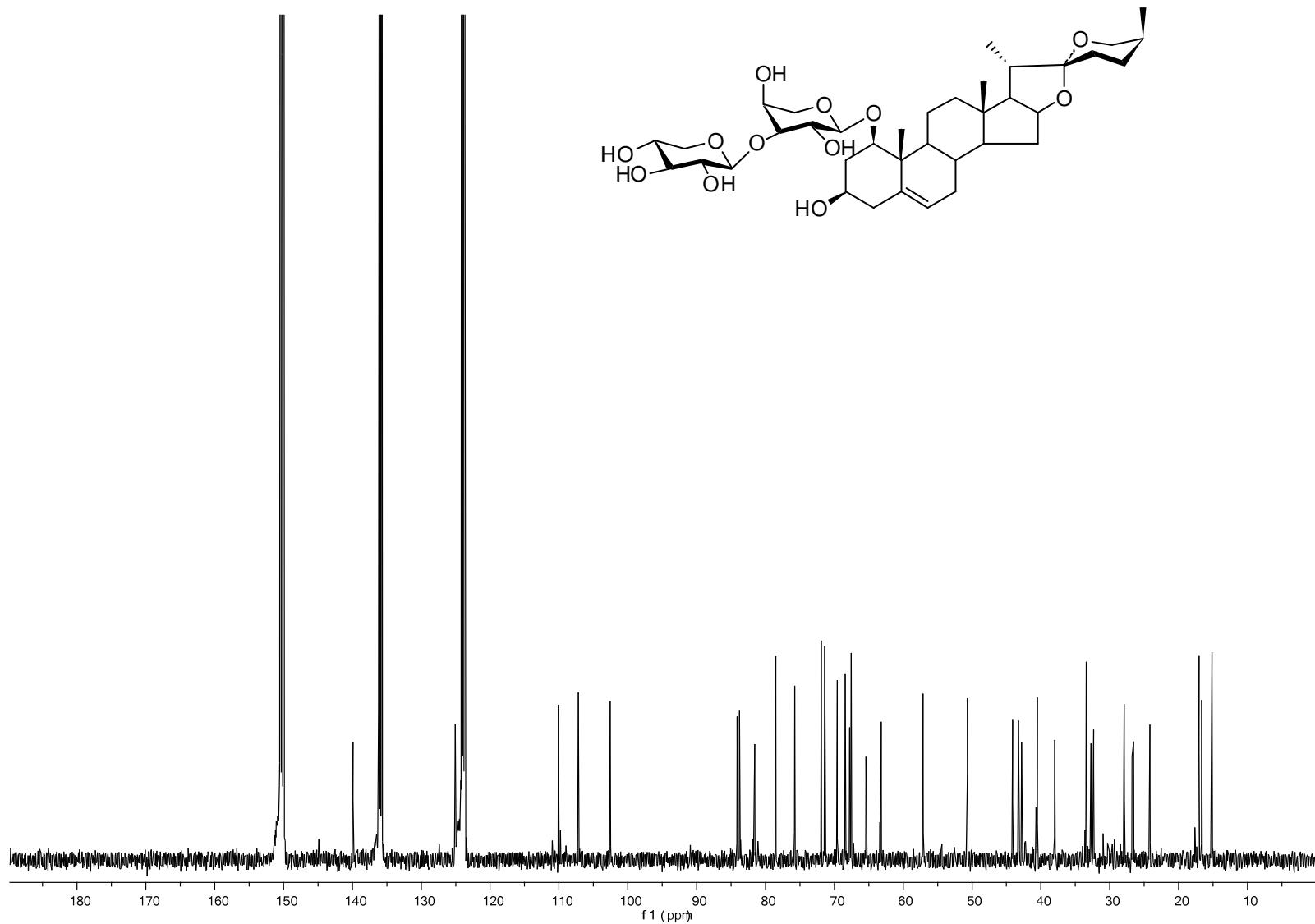
S24 ROESY spectrum of Angudracanoside G (5) in pyridine-*d*₅



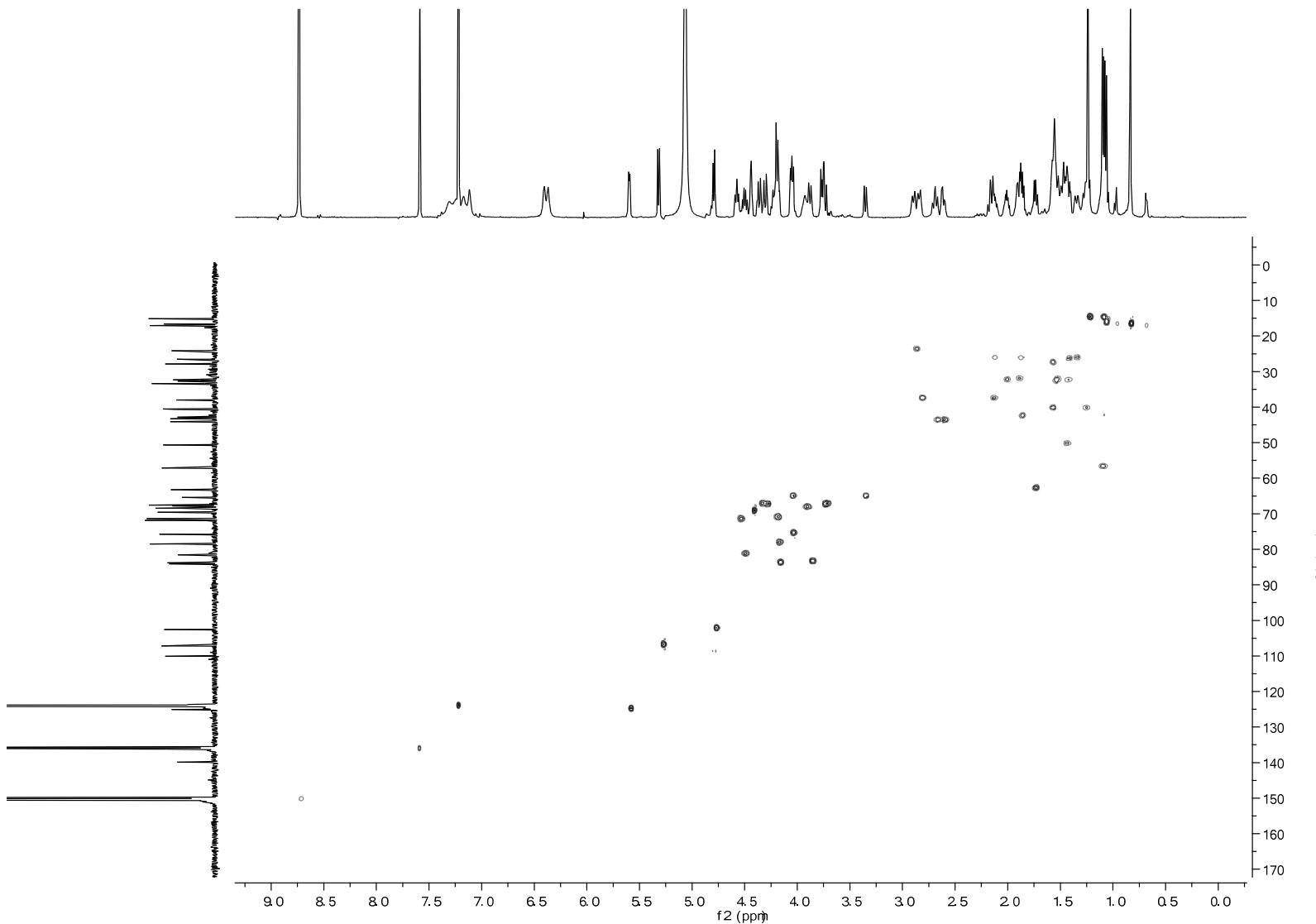
S25 ^1H NMR spectrum for Angudracanoside F (6) in pyridine- d_5



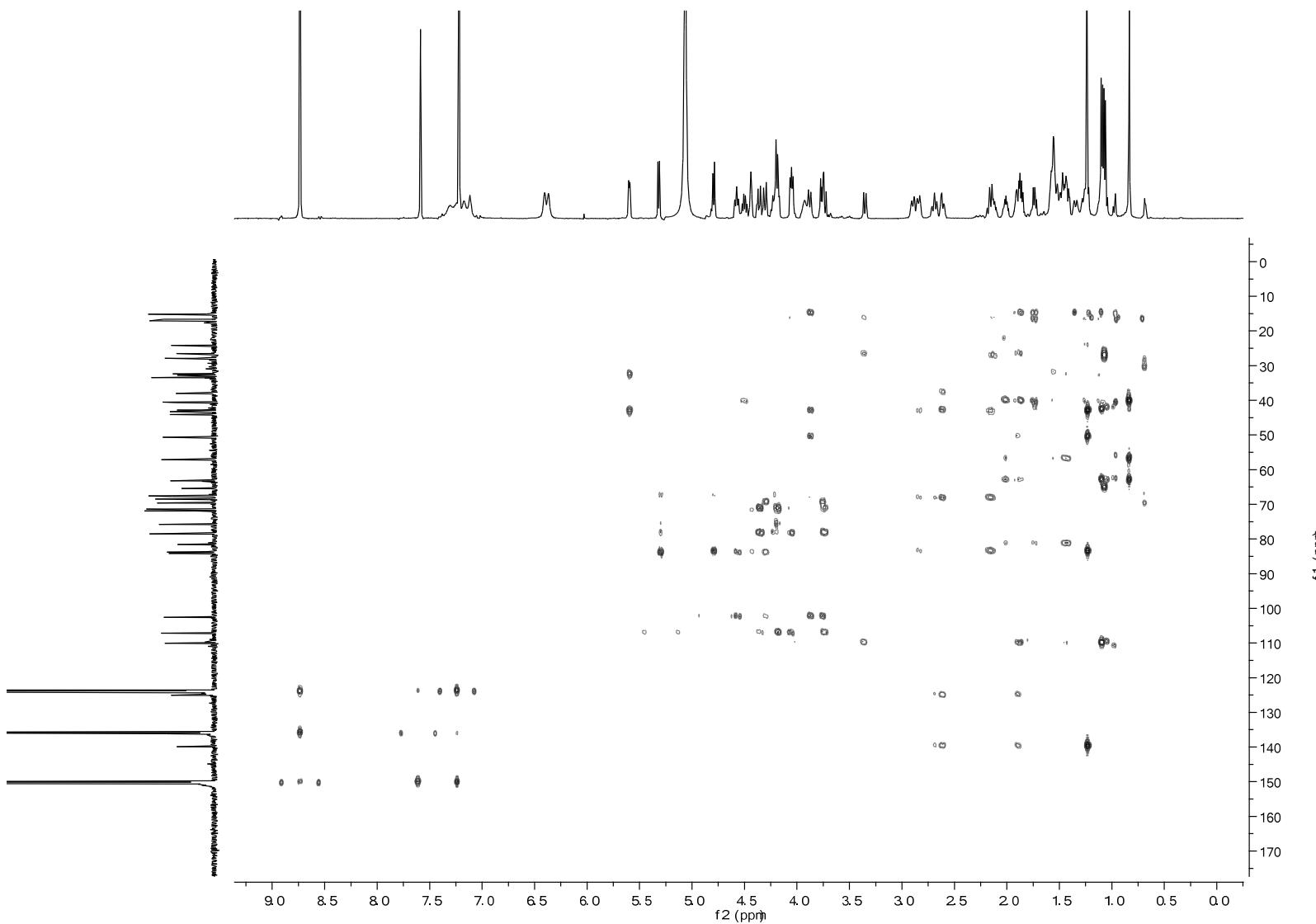
S26 ^{13}C NMR spectrum for Angudracanoside F (6) in pyridine- d_5



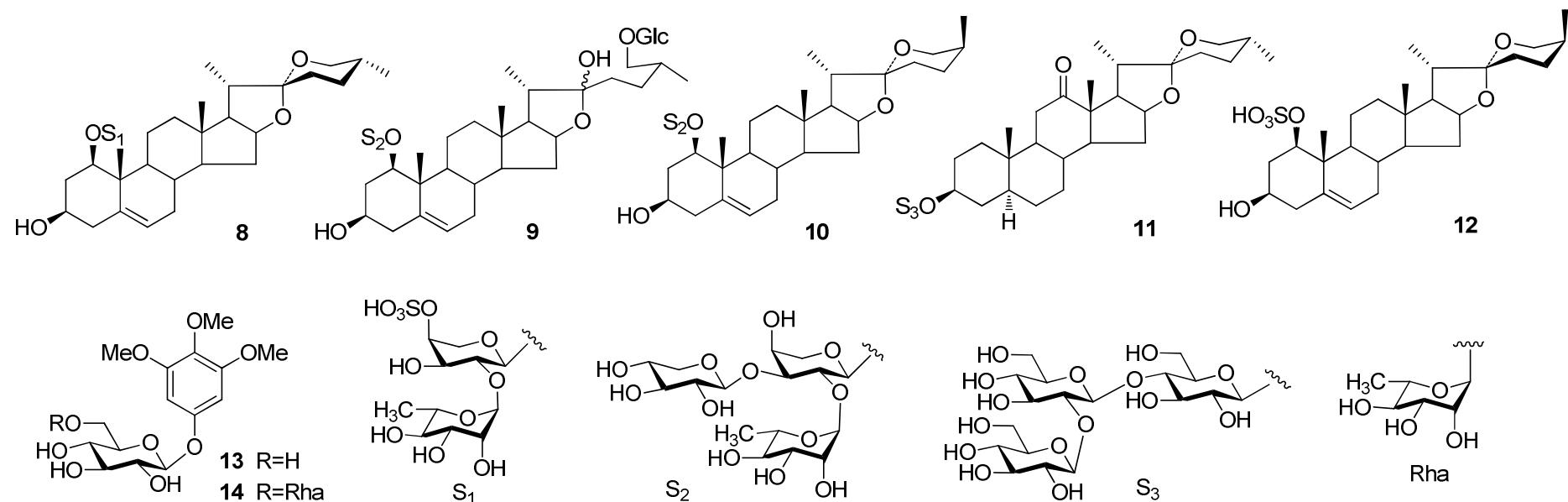
S27 HSQC spectrum for Angudracanoside F (**6**) in pyridine-*d*₅



S28 HMBC spectrum for Angudracanoside F (6) in pyridine-*d*₅



S29 Structures of the known compounds 8-14



(25*R*)-ruscogenin 1-*O*- α -L-rhamnopyranosyl-(1-2)-4-*O*-sulfo- β -D-arabinopyranoside (**8**)

26-*O*- β -D-glucopyranosyl-furosta-5-ene-1 β ,3 β ,22 ζ ,26-tetrol-1-*O*- α -L-rhamnopyranosyl-(1-2)-*O*- β -D-xylopyranosyl-(1-3)- α -L-arabinopyranoside (**9**)

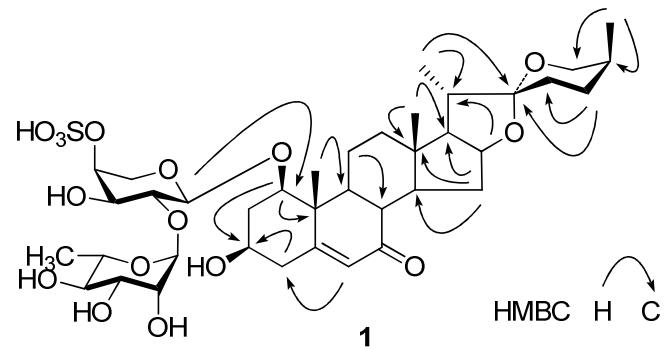
(25*S*)-ruscogenin-1-*O*- α -L-rhamnopyranosyl-(1-2)-*O*- β -D-xylopyranosyl-(1-3)- α -L-arabinopyranoside (**10**)
terreside (**11**)

(25*S*)-spirost-5-en-1 β ,3 β -diol-1-sulphate (**12**)

3,4,5-trimethoxyphenyl-1-*O*- β -D-glucopyranoside (**13**)

3,4,5-trimethoxyphenyl-1-*O*- α -L-rhamnopyranosyl-(1-6)- β -D-glucopyranoside (**14**)

S30 Important HMBC correlations for 1



S31 Selected ROESY correlations of 3

