

Supporting Information

Absolute Structure of Prunustatin A, a Novel GRP78 Molecular Chaperone Down-Regulator

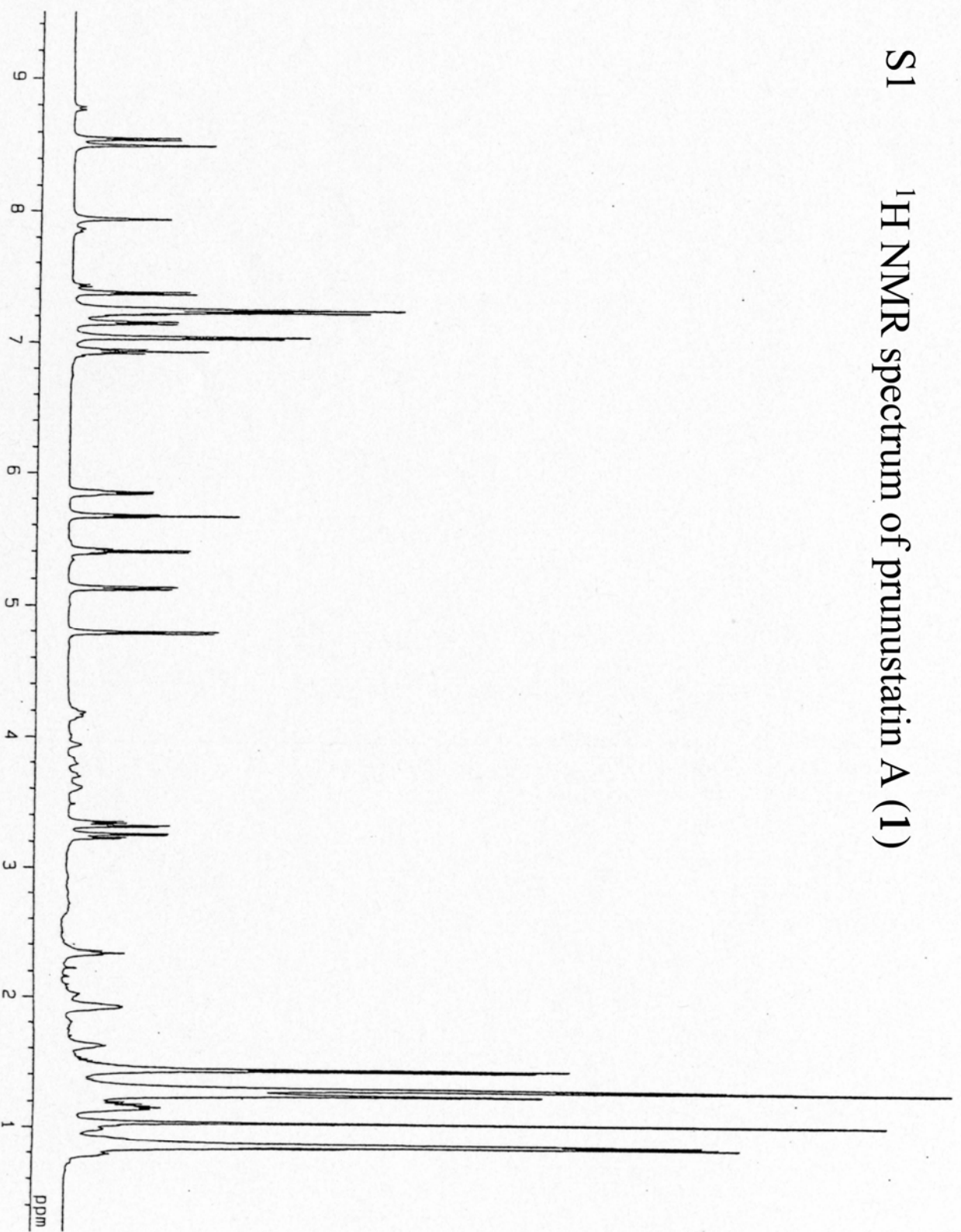
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General Techniques

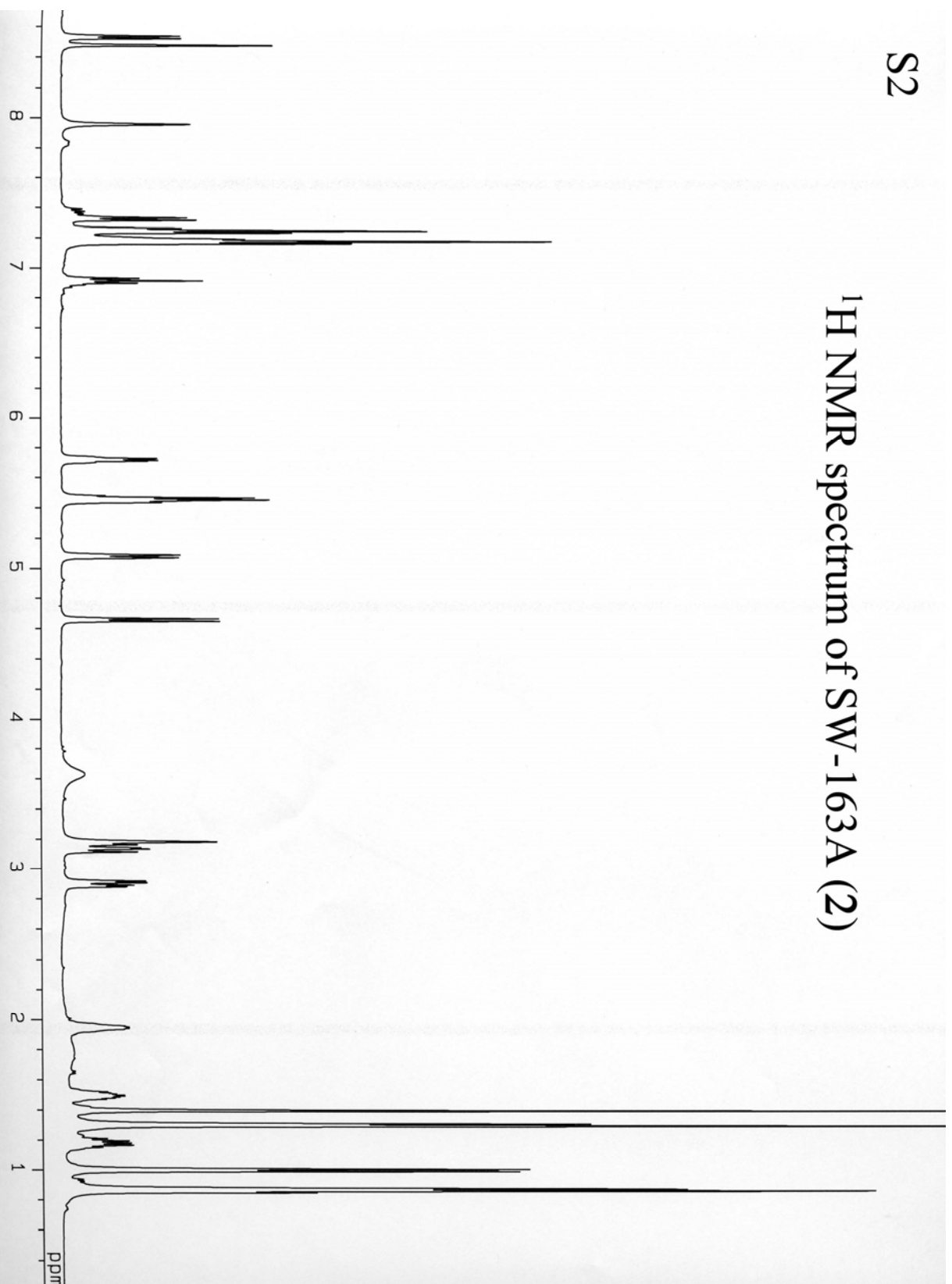
NMR spectra were recorded on Varian 500 MHz instrument in CDCl_3 . Chemical shifts are reported in ppm relative to chloroform (7.25 ppm for ^1H) or chloroform-*d* (77.0 ppm for ^{13}C). Multiplicities are reported by using the following abbreviations: s; singlet, d; doublet, t; triplet, q; quartet, m; multiplet, *J*; coupling constants in Hertz.

S1 ^1H NMR spectrum of prunustatin A (1)



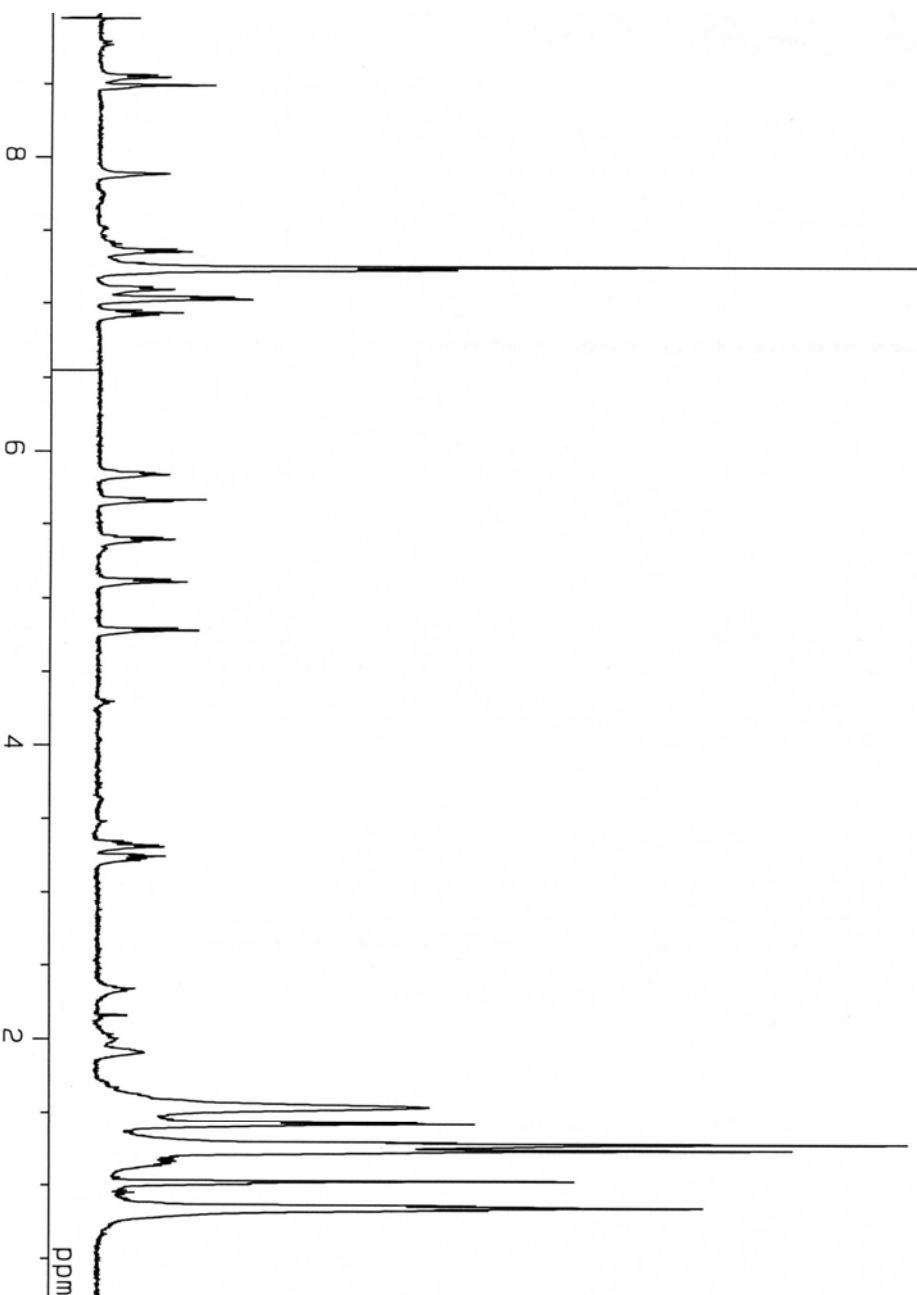
S2

^1H NMR spectrum of SW-163A (2)



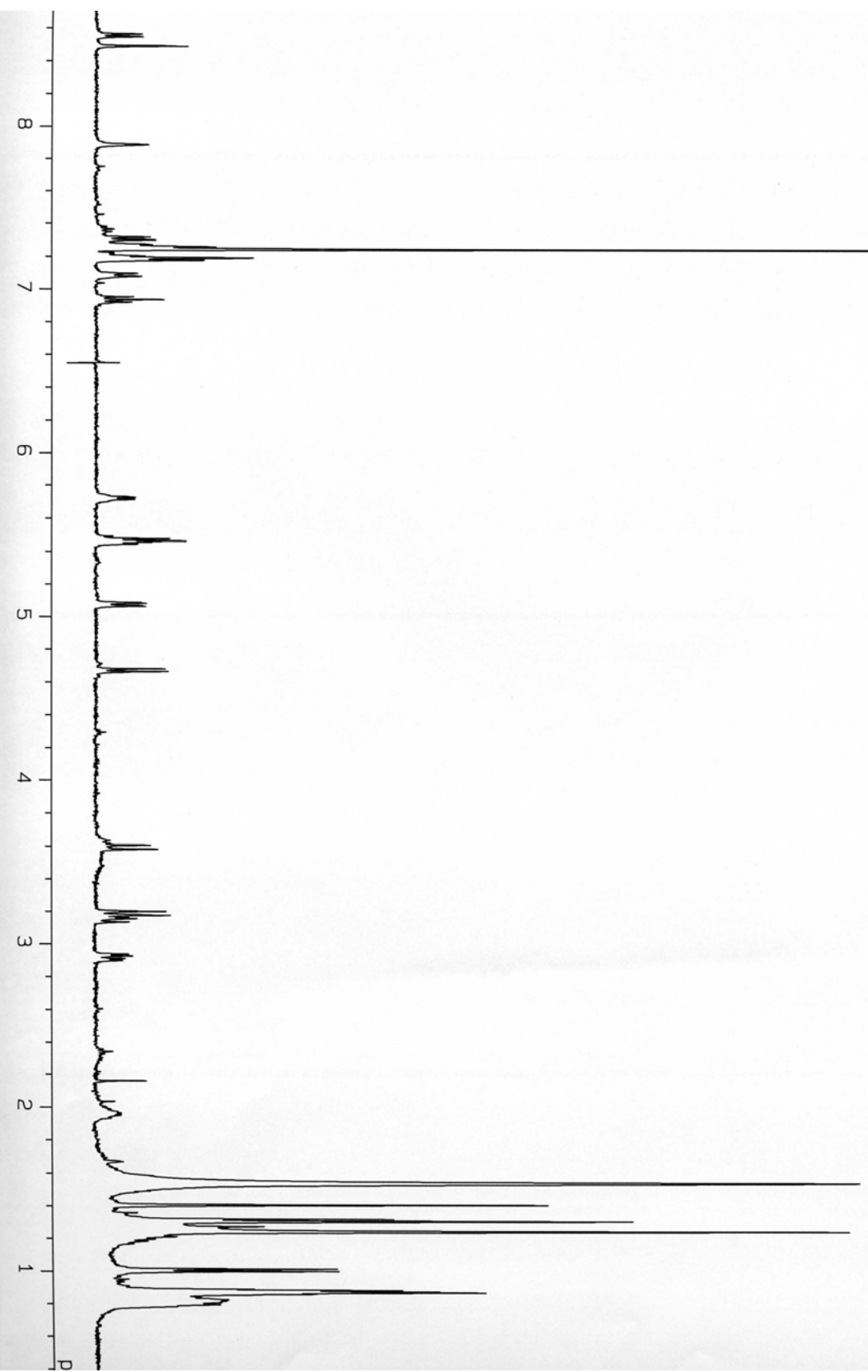
S3

^1H NMR spectrum of
Oxidized SW 163-A by DMP



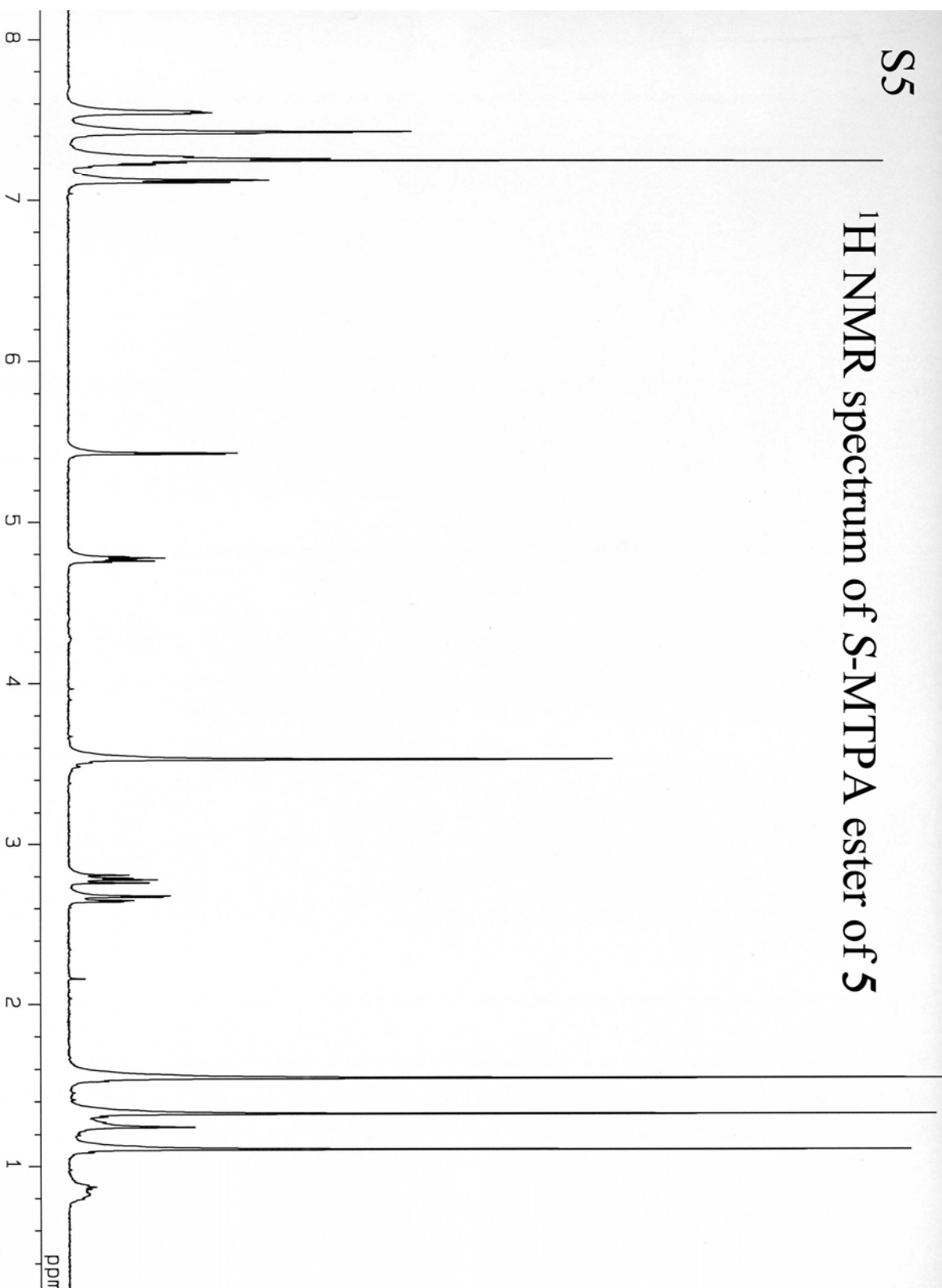
S4

^1H NMR spectrum of Reduced prunustatin A by NaBH_4



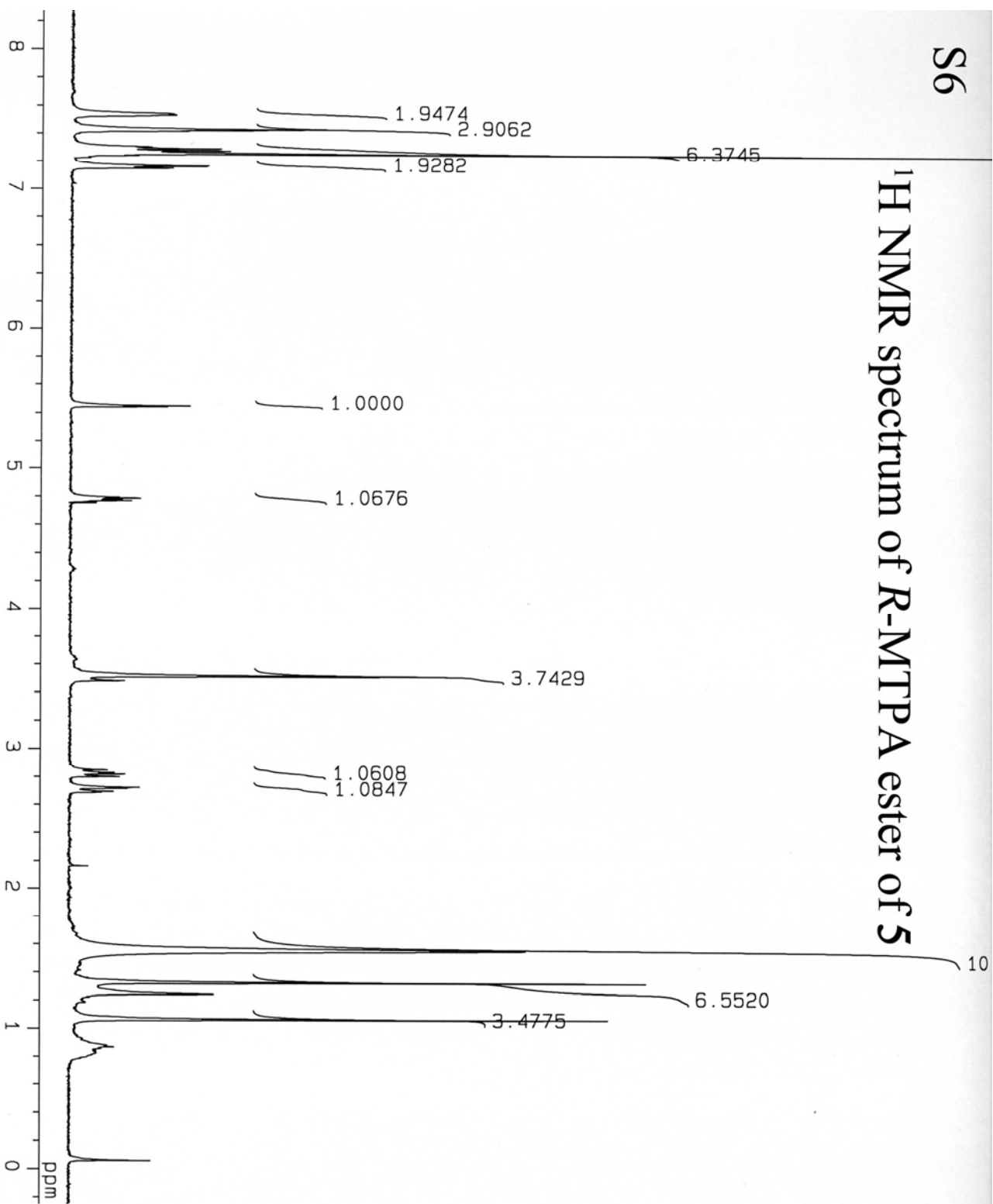
S5

^1H NMR spectrum of S-MTPA ester of 5



S6

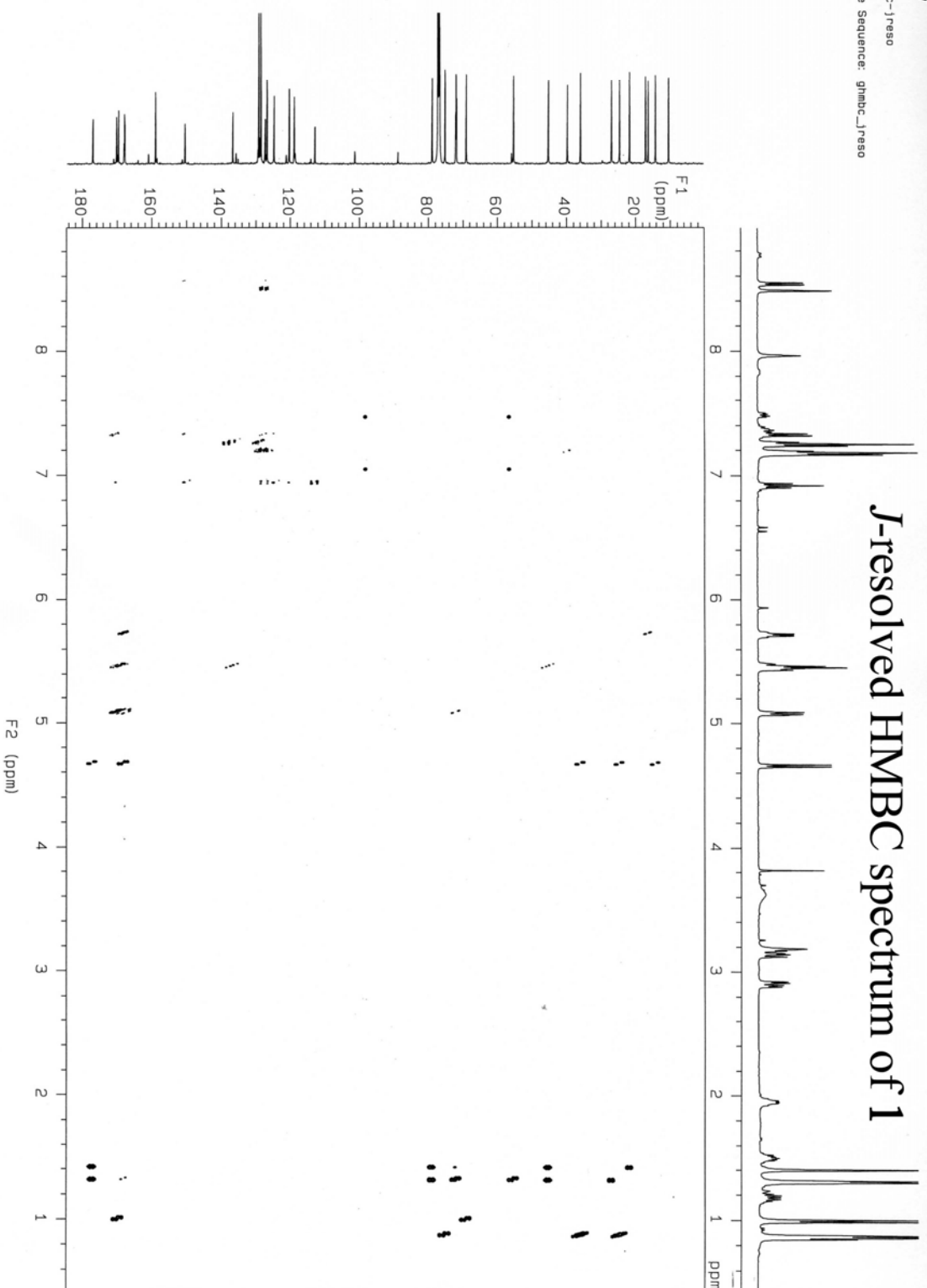
¹H NMR spectrum of *R*-MTPA ester of **5**



S7

gmbc-jreso
Pulse Sequence: gmbc_jreso

J-resolved HMBC spectrum of **1**



S8

STANDARD PROTON PARAMETERS
Use Sequence: NOESY

NOESY spectrum of 1

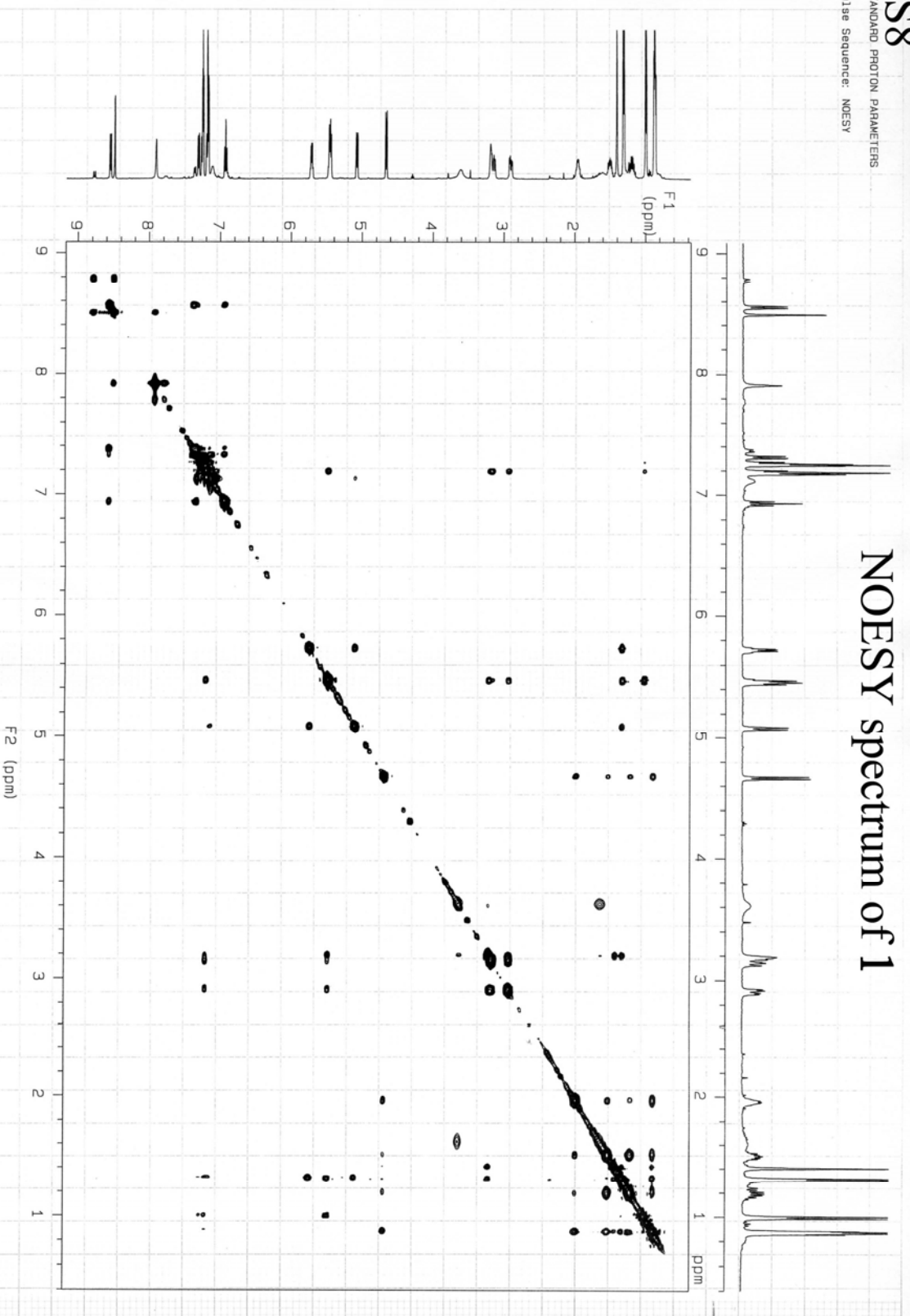


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