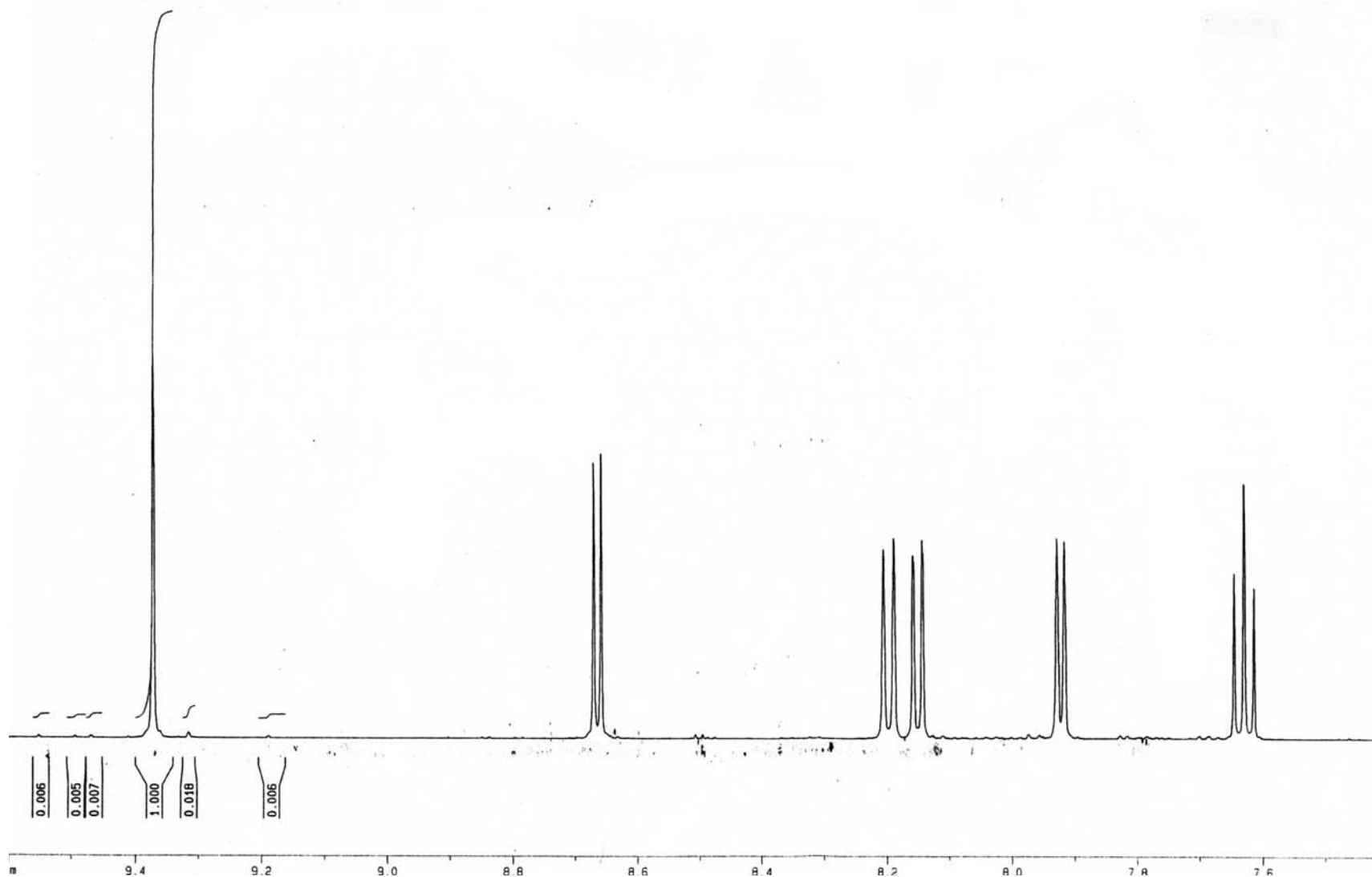
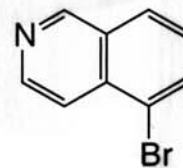


5-Bromoisoquinoline (distilled product)



Current Data Parameters
NAME wh91
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010205
Time 14.18
INSTRUM drx500
PROBHD 5 mm DUL 13C-
PULPROG zg
TD 32768
SOLVENT DMSO
NS 8
DS 4
SWH 7002.801 Hz
FIDRES 0.213709 Hz
AQ 2.3396652 sec
RG 181
DW 71.400 usec
DE 6.00 usec
TE 300.0 K
D1 10.0000000 sec

----- CHANNEL f1 -----
NUC1 1H
P1 9.00 usec
PL1 -6.00 dB
SFO1 500.1330008 MHz

F2 - Processing parameters
SI 32768
SF 500.1330051 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 35.00 cm
F1P 9.619 ppm
F1 4810.81 Hz
F2P 7.408 ppm
F2 3705.21 Hz
PPHMC 0.06316 ppm/cm
HZCM 31.58881 Hz/cm