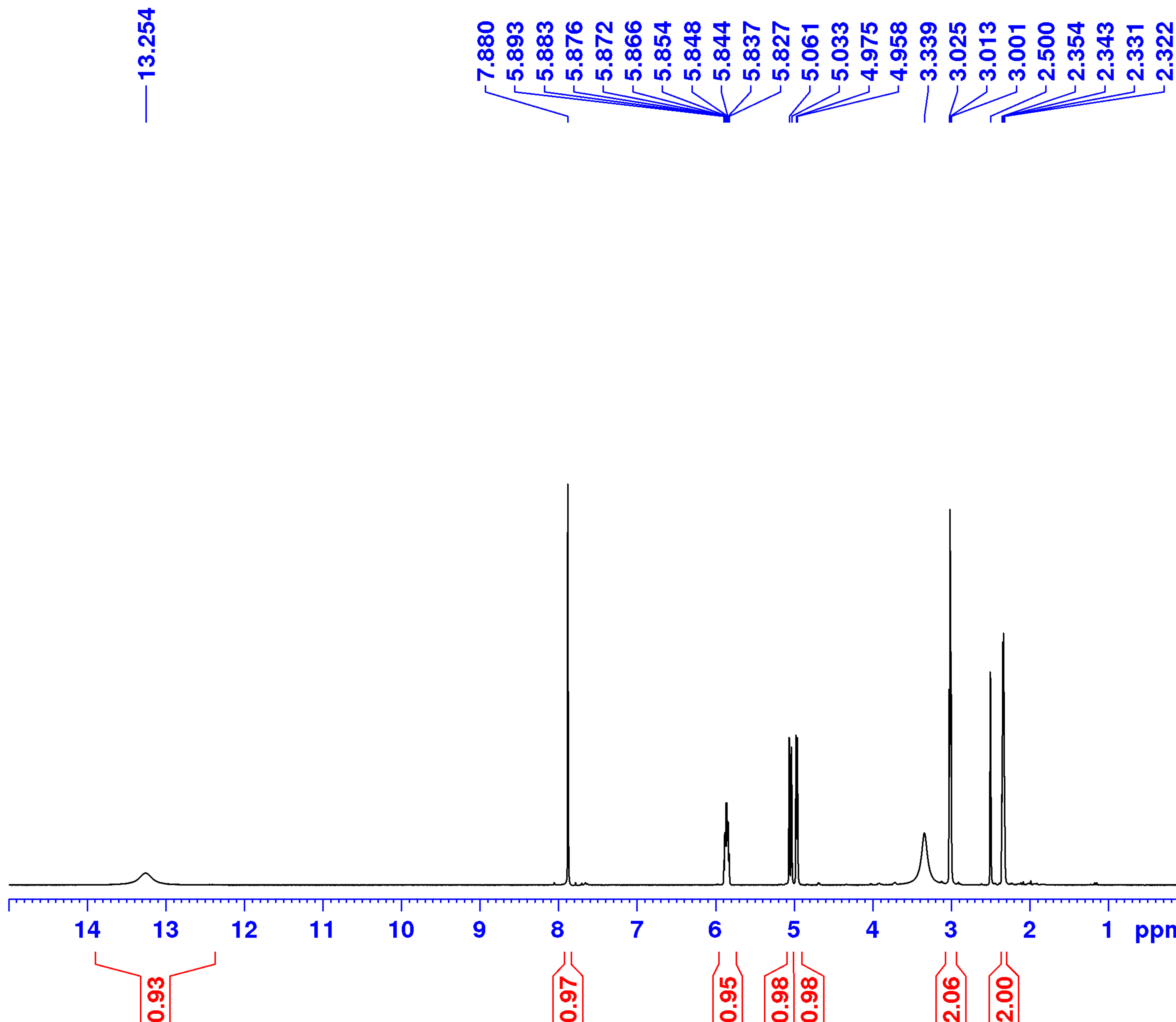


1-(5-Iodo-1H-imidazole-4-yl)pent-4-en-1-one 1H NMR



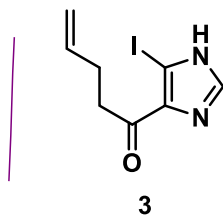
Current Data Parameters
NAME TCG-AC-L1-023-DMSO-1H-2-3-21
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20210203
Time 18.37 h
INSTRUM spect
PROBHD Z148658_0003 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 12019.230 Hz
FIDRES 0.366798 Hz
AQ 2.7262976 sec
RG 176.24
DW 41.600 usec
DE 6.50 usec
TE 303.5 K
D1 1.0000000 sec
TD0 1
SFO1 600.0087050 MHz
NUC1 1H
P1 15.50 usec
PLW1 13.23200035 W

F2 - Processing parameters
SI 65536
SF 600.0050070 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Submitter's Spectrum and Data

Imidazole 3, 1H, d6-DMSO



¹H NMR (400 MHz, d6-DMSO) δ 13.25 (br s, 1H), 7.88 (s, 1H), 5.86 (ddt, J = 16.7, 10.2, 6.4 Hz, 1H), 5.05 (dq, J = 17.2, 1.8 Hz, 1H), 4.97 (dq, J = 10.2, 1.5 Hz, 1H), 3.01 (dd, J = 7.8, 6.9 Hz, 2H), 2.39 – 2.29 (m, 2H) ppm

