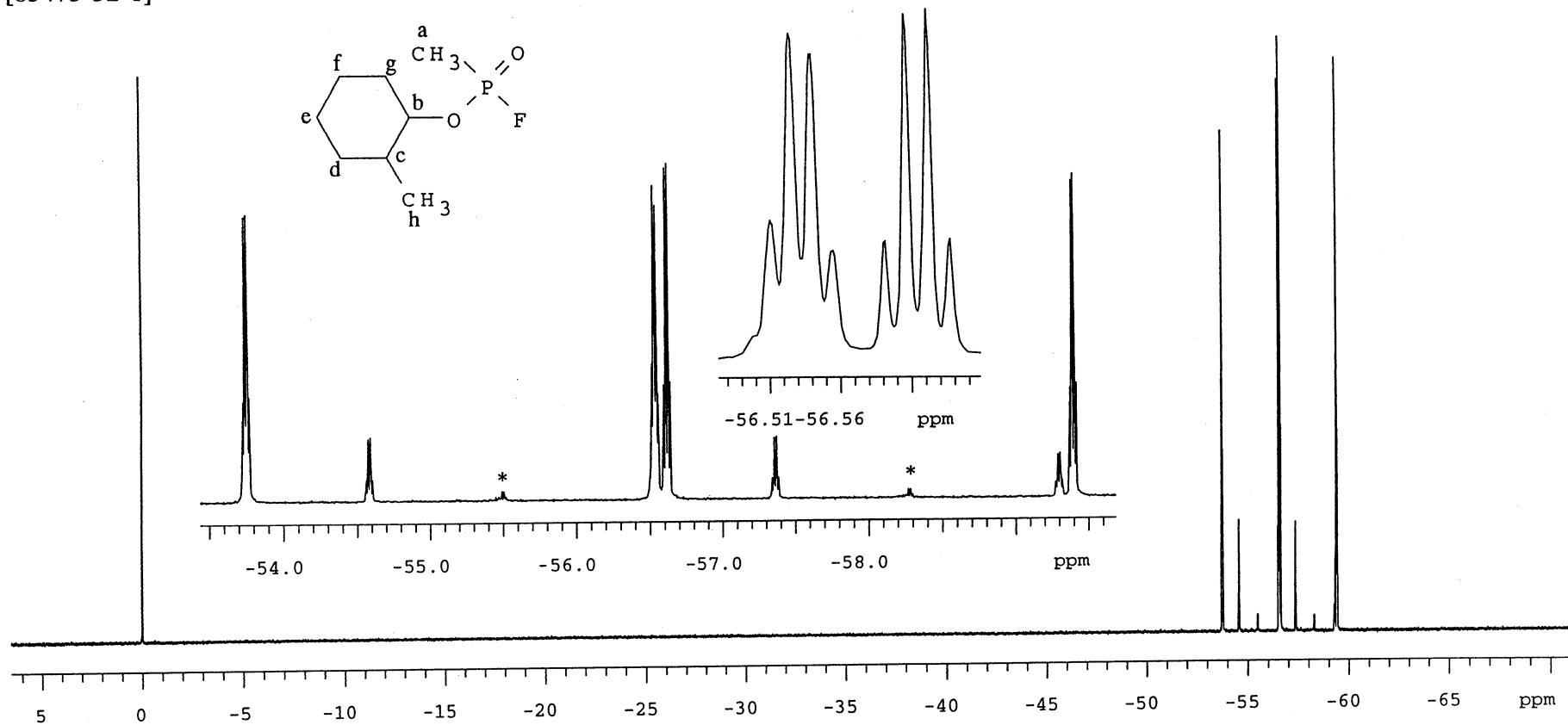
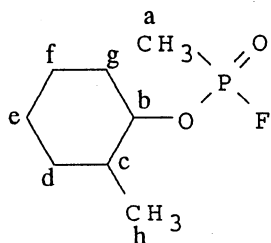


¹⁹F NMR

2-Methylcyclohexyl methylphosphonofluoridate

[85473-32-1]



Solvent: CDCl₃
Concentration: 23.8 mg/ 1.0 ml
Reference substance: CFC₃
Sample temperature: 29.0 °C
Resonance frequency: 376.49 MHz
Spectral width: 29411.8 Hz
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 45 °; 6.6 μs
No. of scans; Rep. time: 64; 16.1 s
Weighting; Line broad.: exp.; 0.5 Hz
Spectral resolution: 0.7 Hz (CFC₃)
Instrument: Bruker AMX-400
Source reference: 920910-45
Signature: Markku Mesilaakso
Markku Mesilaakso

nuc.	δ [ppm]	J [Hz]
F	-55.14	5.5 (H-a); 1048.5 (P)
F	-55.97	5.6 (H-a); 1046.1 (P)
F	-57.91	5.6 (H-a); 1046.4 (P)
F	-58.00	5.7 (H-a); 1046.7 (P)

Mixture of 4 diastereomers