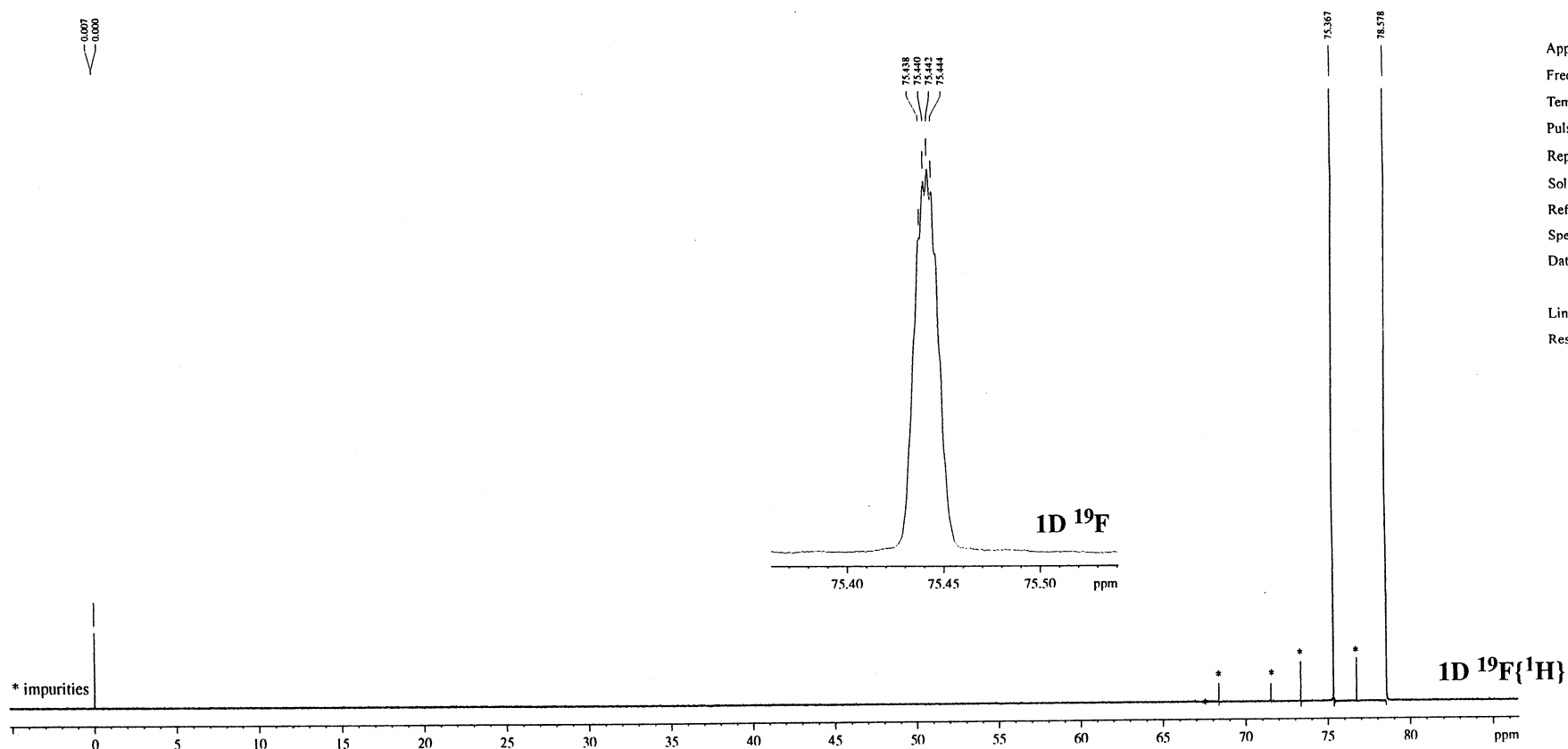


¹⁹F

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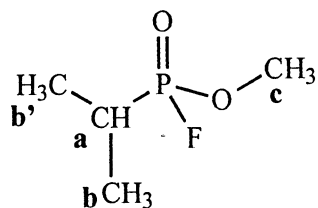


Apparatus : Bruker DPX 360
Frequency : 338.86 MHz
Temperature : 25°C
Pulse Width : 8 μs (90°)
Repetition Time : 3.6 s
Solvent/Lock : CDCl₃/CDCl₃
Reference : CFC1₃ internal
Spectral width : 50900 Hz
Data points : FID = 128 K
SPC = 128 K
Line Broadning : No
Resolution : peak -78.57 ppm 0.8 Hz

METHYL ISOPROPYLPHOSPHONOFUORIDATE

MF : C₄H₁₀FO₂P CAS :

ASSIGNMENT



δ = - 76.97 ppm

J_{F-P} = 1090.6 Hz

J_{F-a} = 2.3 Hz*

J_{F-b} = 0.9 Hz*

J_{F-c} = 0.9 Hz*

* extracted from 1D ¹H spectrum

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