

DIMETHYL METHYLTHIOPHOSPHONATE

CAS RN 681-06-1

14-3-22

Instrument: Bruker AC-250
Nucleus: ¹H
Frequency: 250.13 Hz

Solvent: CDCl₃
Concentration: 20 mg/ml
Temperature: 23°C
Reference: TMS (int.)
Spectral width: 2873.6 Hz
Pulse width: 4.7 μs (45°)
Repetition time: 12.4 s
Data points
FID/Spectrum: 64 K/64 K
Scans: 64
Line broadening: 0.05 Hz (exp.)
Resolution: 0.7 Hz (TMS)

Assignments

a: δ = 1.81(d); J_{a,P} = 15.5 Hz
b: δ = 3.73(d); J_{b,P} = 13.7 Hz

