

# DIMETHYL METHYLTHIOPHOSPHONATE

CAS RN 681-06-1

14-3-23

Instrument: Bruker AC-250  
Nucleus:  $^{13}\text{C}\{^1\text{H}\}$   
Frequency: 62.89 Hz

Solvent:  $\text{CDCl}_3$   
Concentration: 20 mg/ml  
Temperature: 23°C  
Reference: TMS (int.)  
Spectral width: 15 625 Hz  
Pulse width: 2.3  $\mu\text{s}$  (45°)  
Repetition time: 2.1 s  
Data points  
FID/Spectrum: 32 K/32 K  
Scans: 30 000  
Line broadening: 0.5 Hz (exp.)  
Resolution: 1.0 Hz (TMS)

## Assignments

a:  $\delta = 20.46(\text{d}); J = 115.4 \text{ Hz}$   
b:  $\delta = 52.91(\text{d}); J = 6.7 \text{ Hz}$

