

# TERT-BUTYL METHYL METHYLTHIOPHOSPHONATE

14-3-25

Instrument: Bruker AC-250  
Nucleus:  $^1\text{H}$   
Frequency: 250.13 Hz

Solvent:  $\text{CDCl}_3$   
Concentration: 23 mg/ml  
Temperature: 23°C  
Reference: TMS (int.)  
Spectral width: 2873.6 Hz  
Pulse width: 4.7  $\mu\text{s}$  (45°)  
Repetition time: 12.4 s  
Data points  
FID/Spectrum: 64 K/64 K  
Scans: 64  
Line broadening: 0.05 Hz (exp.)  
Resolution: 0.4 Hz (TMS)

## Assignments

- a:  $\delta = 1.55(\text{d}); J_{\text{a-P}} = 0.4 \text{ Hz}$
- b:  $\delta = 1.78(\text{d}); J_{\text{b-P}} = 15.3 \text{ Hz}$
- c:  $\delta = 3.71(\text{d}); J_{\text{c-P}} = 13.9 \text{ Hz}$

