

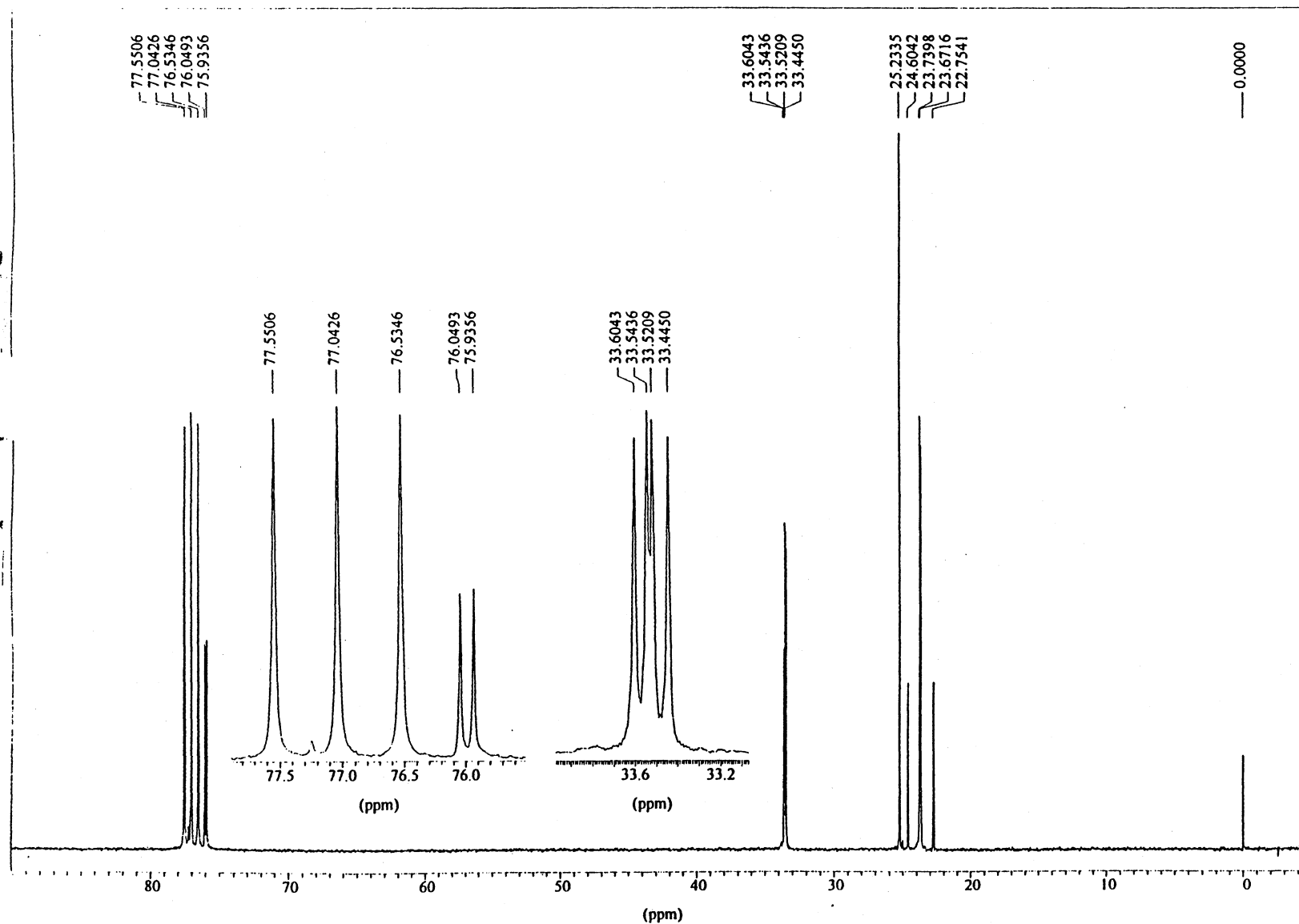
DICYCLOHEXYL METHYLTHIOPHOSPHONATE

CAS RN 55281-41-9

4-3-29

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

Solvent: CDCl_3
Concentration: 21 mg/ml
Temperature: 23°C
Reference: TMS (int.)
Spectral width: 15 625 Hz
Pulse width: 2.3 μs (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: $\delta = 25.23$
- b: $\delta = 23.67, 23.74$
- c: $\delta = 33.48(\text{d}); J = 4.8 \text{ Hz}$
 $\delta = 33.57(\text{d}); J = 3.8 \text{ Hz}$
- d: $\delta = 23.68(\text{d}); J = 116.4 \text{ Hz}$
- e: $\delta = 75.99(\text{d}); J = 7.2 \text{ Hz}$

