

N,N-DIMETHYLPHOSPHORAMIDIC DIFLUORIDE

CAS RN 354-43-8

14-3-0042

Instrument: Bruker AC-250
Nucleus: $^{31}\text{P}\{^1\text{H}\}$
Frequency: 101.26 Hz

Solvent: CDCl_3
Concentration: 20 mg/ml
Temperature: 23°C
Reference: $\text{P}(\text{OH})_4\text{ClO}_4$ (ext.)
Spectral width: 31 250 Hz
Pulse width: 2.6 μs (45°)
Repetition time: 3.1 s
Data points
FID/Spectrum: 64 K/64 K
Scans: 256
Line broadening: 0.5 Hz (exp.)
Resolution: 14 Hz (sample)

Assignments

$\delta_{\text{P}} = -2.98(\text{t}); J_{\text{P,F}} = 1000 \text{ Hz}$

