



Res.freq: 125.697 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature: 28°C  
 Concentration: 0.077  $\mu\text{l}/\mu\text{l}$   
 Reference: TMS [internal]  
 Spectral Width: 31298.9 Hz  
 Data points [Fid]: 115712  
 Data Points [Spectrum]: 256K

Pulse Width: 3.5  $\mu\text{s}$  [45°]  
 Number of Scans: 1024  
 Line Broadening: exp. 0.5 Hz  
 Rep.time: 1.85 s  
 Resolution: 1.0 Hz (TMS)  
 Instrument: Varian INOVA 500

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nuc $\delta$ [ppm]	J[Hz]
a: 70.17	$J(a,P) = 7.8$
b,b': 23.82, 24.30	$J(b,P) = 5.5, J(b',P) = 2.8$
c: 32.86	$J(c,P) = 108.7$
d,d': 15.77, 15.80	$J(d,P) = J(d',P) = 3.7$
e: 28.39	$J(e,P) = 2.3$
f: 60.31	$J(f,P) = 4.1$
g: 45.22	

