



Res.freq: 499.83 MHz  
 Solvent: CDCl<sub>3</sub>  
 Temperature: 28°C  
 Concentration: 0.077 μl/μl  
 Reference: TMS [internal]  
 Spectral Width: 6712.5 Hz  
 Data points [Fid]: 56360  
 Data Points [Spectrum]: 64K

Pulse Width: 1.7 μs [24°]  
 Number of Scans: 16  
 Line Broadening: no  
 Rep.time: 4.2 s  
 Resolution: 0.5 Hz (TMS)  
 Instrument: Varian INOVA 500

nuc δ[ppm]  
 a: 0.939  
 b: 1.406  
 c: 1.630-1.687  
 d,d': 3.994-4.056, 4.080-4.140  
 e: 2.098  
 f,f': 1.222, 1.226  
 g: 2.874-2.980  
 h: 2.669-2.756  
 i: 2.406  
 j: 1.452  
 k: 0.879

*Un Main*

J[Hz]  
 J(a,b) = 7.4  
 J(e,P) = 15.6, J(e,f) = 7.2  
 J(f,P) = 20.3  
 J(i,j) = 7.4  
 J(k,j) = 7.4

