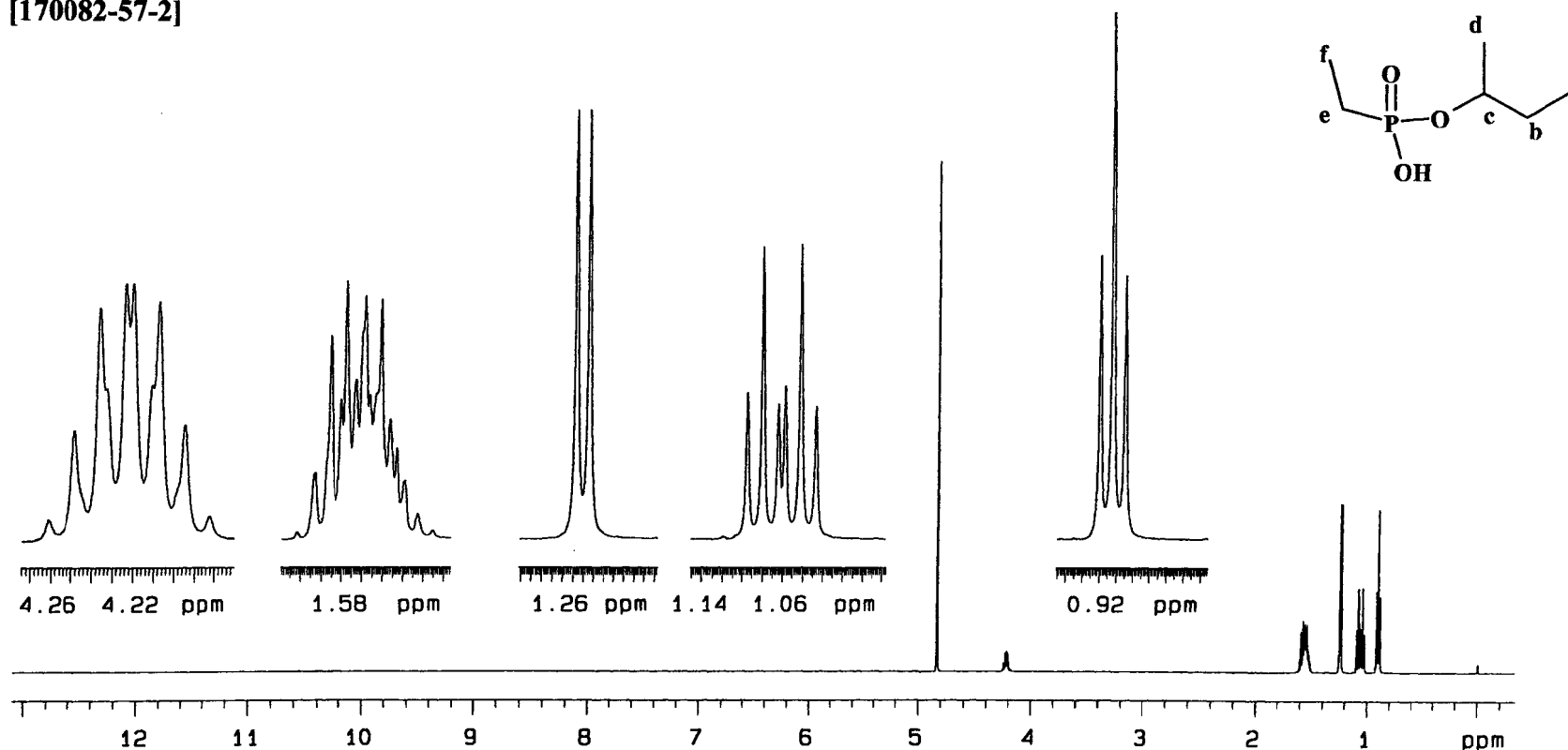


**Sec-butyl ethylphosphonate**  
[170082-57-2]

**<sup>1</sup>H NMR**



Res.freq: 499.83 MHz  
Solvent: D<sub>2</sub>O (pH=14)  
Temperature: 28°C  
Concentration: 0.077 μl/ μl  
Reference: TSPA-d<sub>4</sub> [internal]  
Spectral Width: 6712.5 Hz  
Data points [Fid]: 134272  
Data Points [Spectrum]: 128K

Pulse Width: 1.8 μs (16°)  
Number of Scans: 32  
Line Broadening: no  
Rep.time : 10.00 s  
Resolution: 0.6 Hz [HDO]  
Instrument: Varian INOVA 500

*U. M. M.*

nuc δ[ppm]	J[Hz]
a: 0.905	J(a,b) = 7.5
b: 1.560	
c: 4.222	J(c,d) = 6.3, J(c,P) = 8.0
d: 1.242	
e: 1.56	J(e,f) = 7.7, J(e,P) = 17.1
f: 1.062	J(f,P) = 18.7