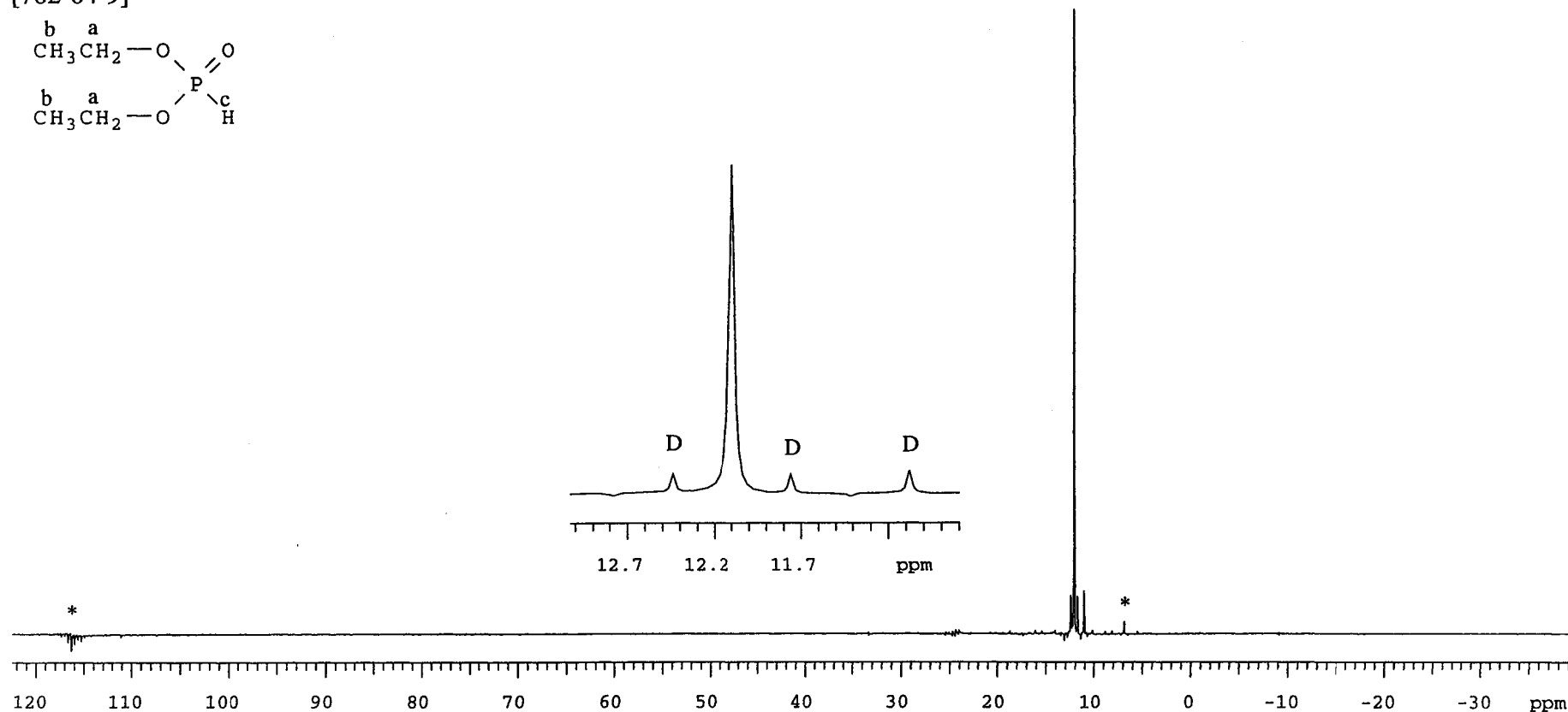
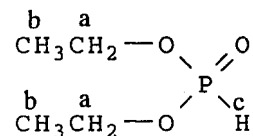


$^{31}\text{P}\{^1\text{H}\}$  NMR

## Diethyl phosphite

[762-04-9]



Solvent:  $\text{D}_2\text{O}$ ; pH 1.5  
 Concentration: 20  $\mu\text{l}$ / 1.0 ml  
 Reference substance: ext.  $\text{H}_3\text{PO}_4$   
 Sample temperature: 30.0  $^\circ\text{C}$   
 Resonance frequency: 161.982 MHz  
 Spectral width: 26315.8 Hz  
 Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 60 $^\circ$ ; 5.1  $\mu\text{s}$   
 No. of scans; Rep. time: 32; 7.2 s  
 Weighting; Line broad.: exp.; 5.0 Hz  
 Spectral resolution: 0.4 Hz (P)  
 Instrument: Bruker AMX-400  
 Source reference: 971029-4151  
 Signature: *Markku Mesilaakso*  
 Markku Mesilaakso

nuc.  $\delta$  [ppm]  
 P 12.10

D = proton c changed to deuterium,  $J_{\text{PD}} = 110.0$  Hz