



(2-METHOXYETHYL)BENZYL ETHYLPHOSPHONATE

<p>CAS number : unknown                  MF : C<sub>12</sub>H<sub>19</sub>O<sub>4</sub>P                  Solvent/Lock : CDCl<sub>3</sub>/CDCl<sub>3</sub>                  Nucleus : <sup>1</sup>H                  Apparatus : Bruker DPX 360                  Frequency : 360.13 MHz                  Temperature : 23°C                  Concentration : ≈ 40 mg/ml</p>	<p>Reference : TMS internal                  Spectral width : 3300 Hz                  Pulse Width : 9.5 μs (90°)                  Repetition Time : 4 s                  Data points : FID = 32K, SPC = 32K                  Line Broadening : No                  Peak Width 1/2 height : peak 3.36 ppm 0.6 Hz</p>	<p>a : δ = 1.78 ppm ; J<sub>P,a</sub> = 18.4 Hz ; J<sub>a,b</sub> = 7.6 Hz                  b : δ = 1.15 ppm ; J<sub>P,b</sub> = 20.4 Hz                  c : δ = 5.10 &amp; 5.06 ppm ; J<sub>P,c</sub> = 8.6 &amp; 8.2 Hz ; J<sub>c,e</sub> = 12.0 Hz                  e, f, g : δ = 7.25-7.45 ppm ; J<sub>P,h</sub> = 9.4 Hz ; J<sub>h,i</sub> = 4.2 &amp; 5.2 Hz                  h : δ = 4.16 ppm ; J<sub>P,h</sub> = 9.3 Hz ; J<sub>h',i</sub> = 4.2 &amp; 5.0 Hz                  h' : δ = 4.08 ppm ; J<sub>h,h'</sub> = 11.5 Hz                  i : δ = 3.56 &amp; 3.53 ppm ; J<sub>i,j</sub> = 11.1 Hz                  j : δ = 3.36 ppm</p>
<div style="text-align: center;"> </div>		

\* = impurities