

Supplementary Data

Design, synthesis and antiviral and cytotoxic evaluation of novel acyclic phosphonate nucleotide analogues with a 5,6-dihydro-1H-[1,2,3]triazolo[4,5-d]pyridazine-4,7-dione system.

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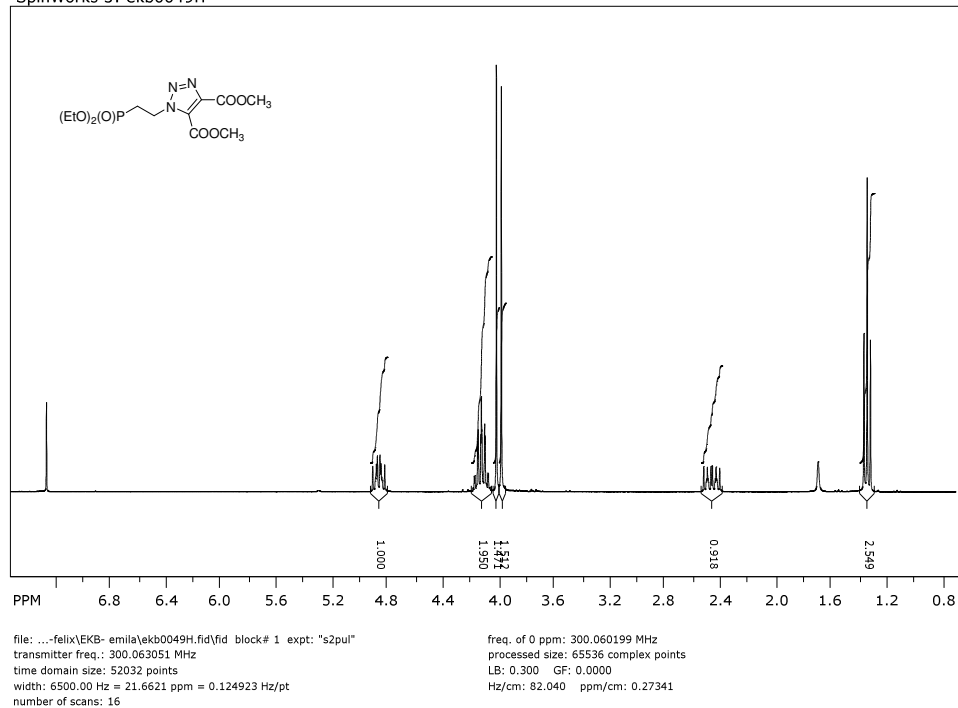
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Keywords: Cycloadditions, Cyclizations, Heterocycles, NMR spectroscopy, Conformation

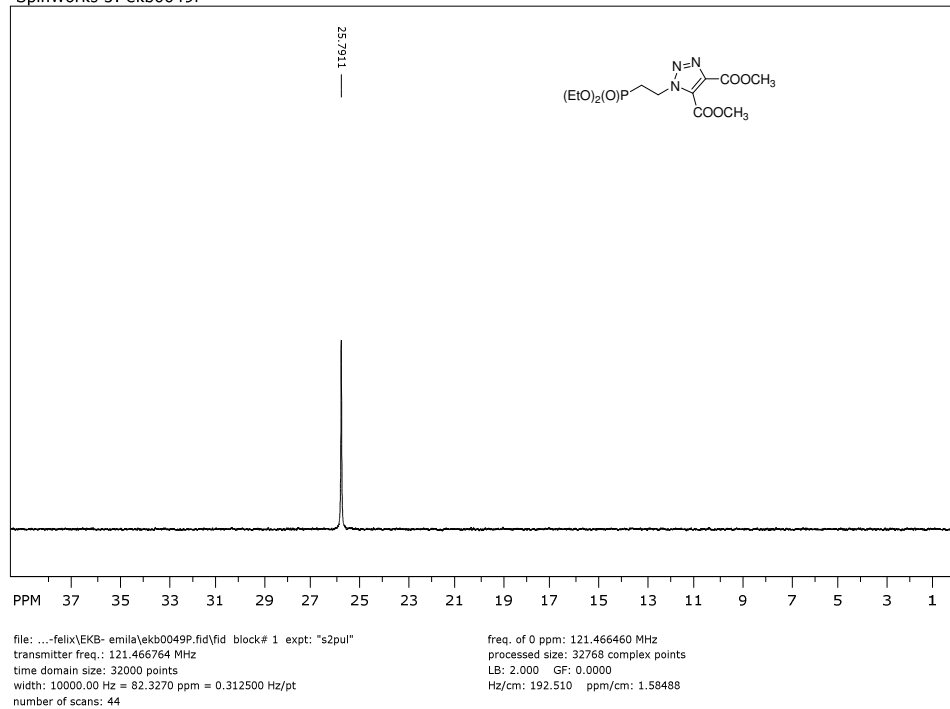
¹H NMR

SpinWorks 3: ekb0049H



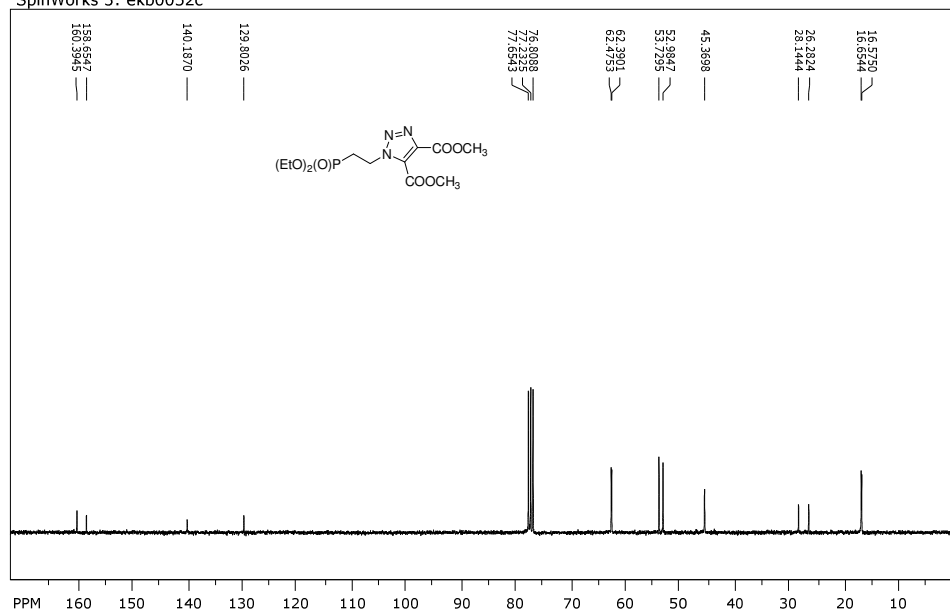
³¹P NMR

SpinWorks 3: ekb0049P



¹³C NMR

SpinWorks 3: ekb0052c

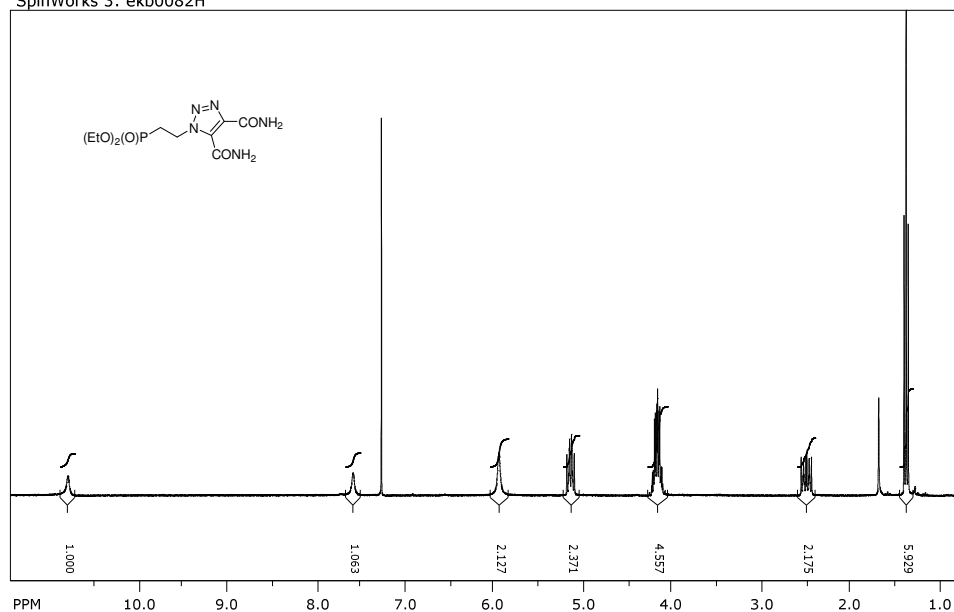


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time domain size: 68096 points
width: 18761.73 Hz = 248.6389 ppm = 0.275519 Hz/pt
number of scans: 1376

freq. of 0 ppm: 75.450188 MHz
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LB: 1.000 GF: 0.0000
Hz/cm: 522.637 ppm/cm: 6.92623

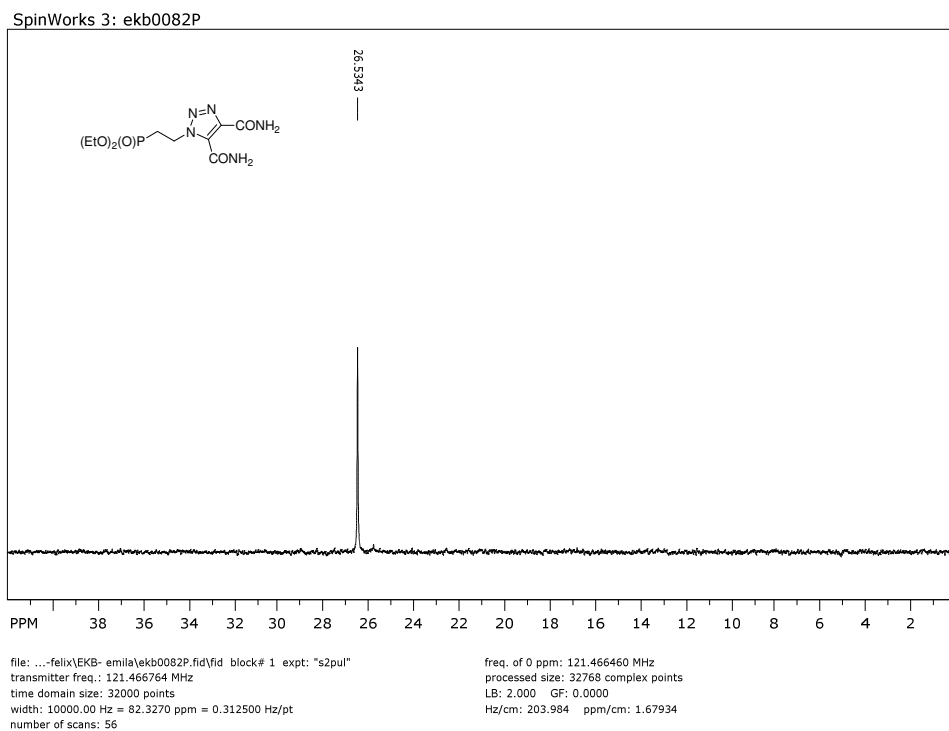
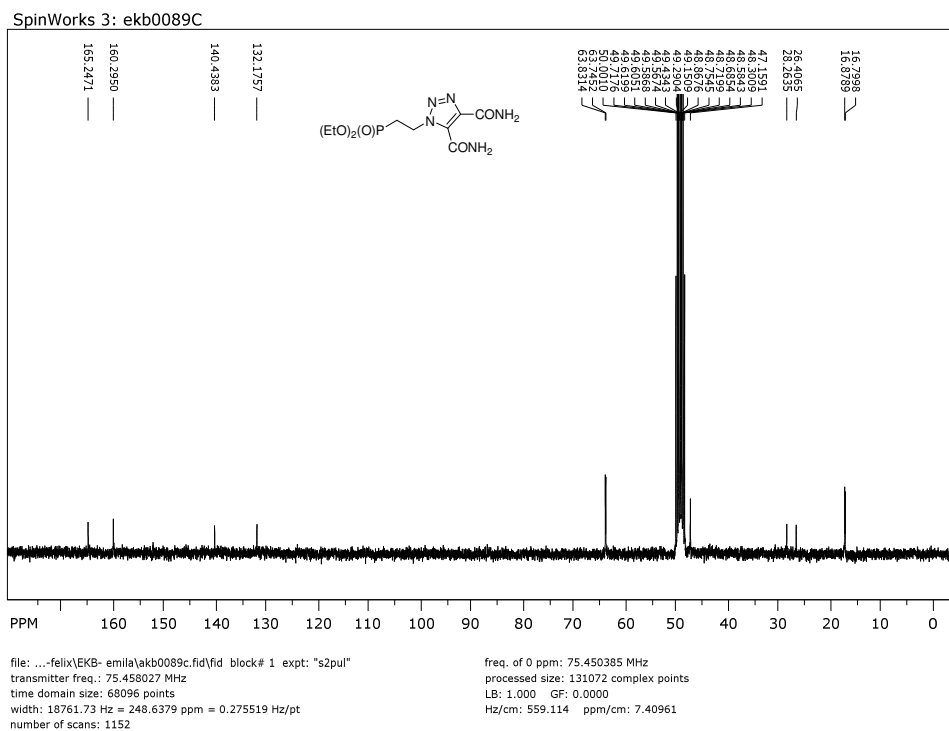
¹H NMR

SpinWorks 3: ekb0082H



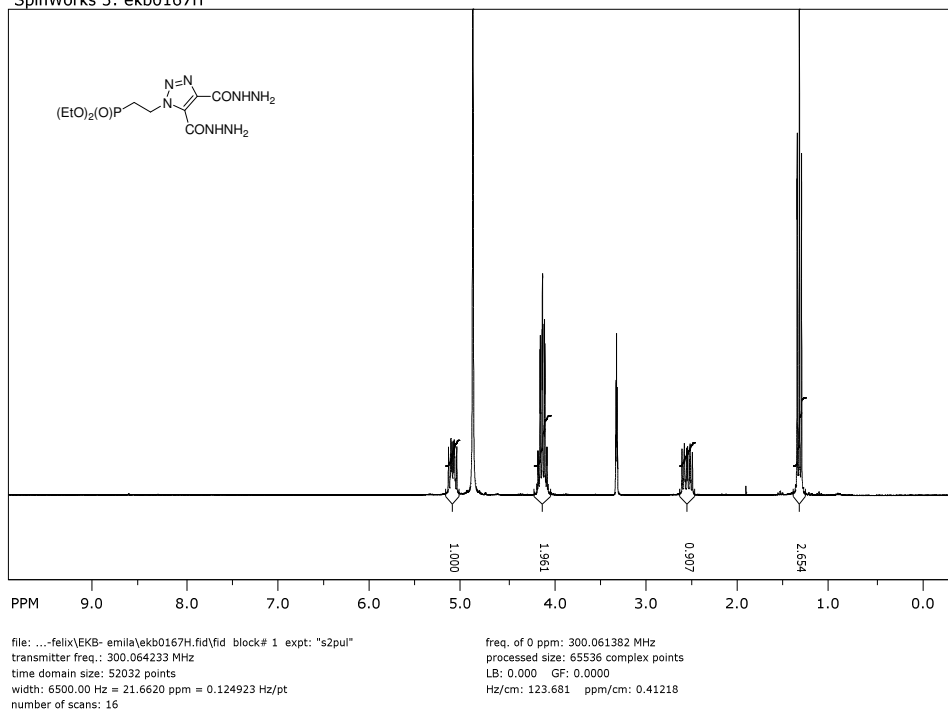
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transmitter freq.: 300.063051 MHz
time domain size: 52032 points
width: 6500.00 Hz = 21.6621 ppm = 0.124923 Hz/pt
number of scans: 16

freq. of 0 ppm: 300.060198 MHz
processed size: 65536 complex points
LB: 0.000 GF: 0.0000
Hz/cm: 127.825 ppm/cm: 0.42599

³¹P NMR¹³C NMR

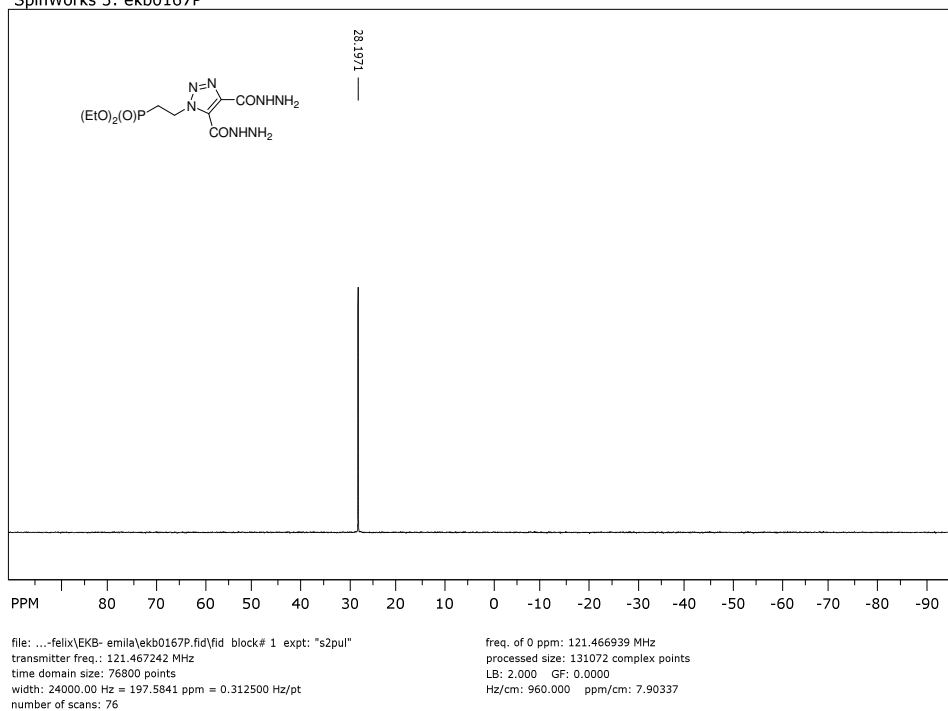
¹H NMR

SpinWorks 3: ekb0167H



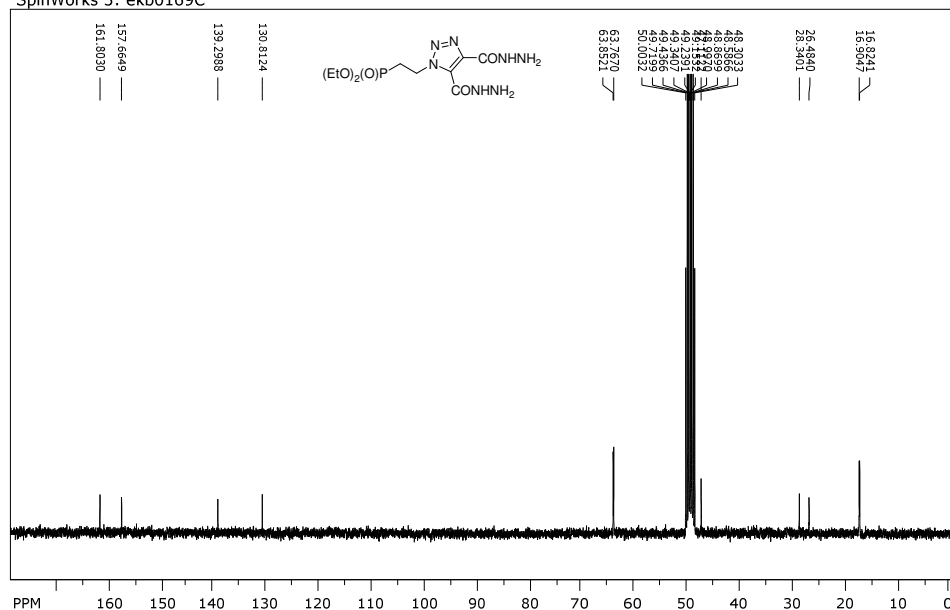
³¹P NMR

SpinWorks 3: ekb0167P



¹³C NMR

SpinWorks 3: ekb0169C

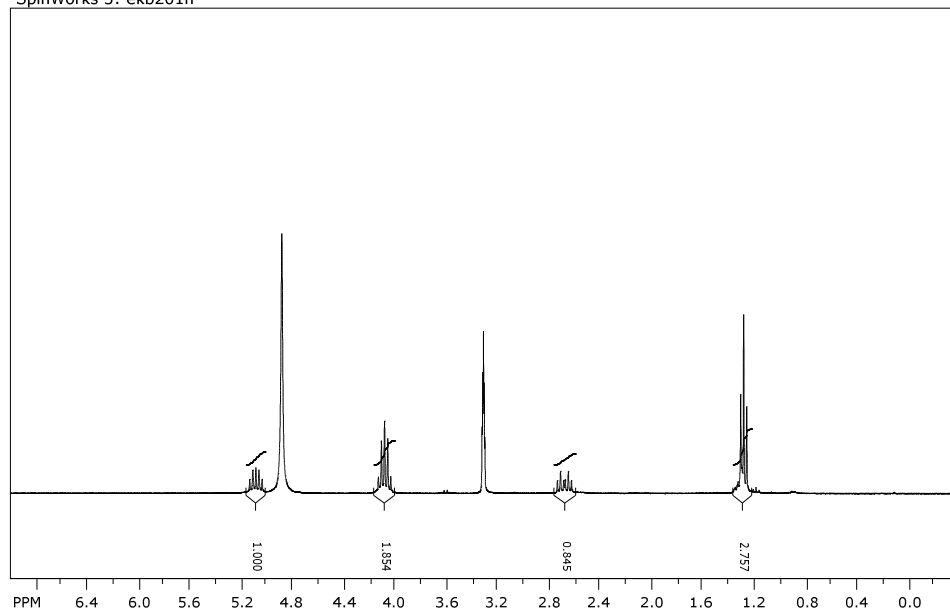


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number of scans: 1168

freq. of 0 ppm: 75.450385 MHz
processed size: 131072 complex points
LB: 1.000 GF: 0.0000
Hz/cm: 544.165 ppm/cm: 7.21149

¹H NMR

SpinWorks 3: ekb201h

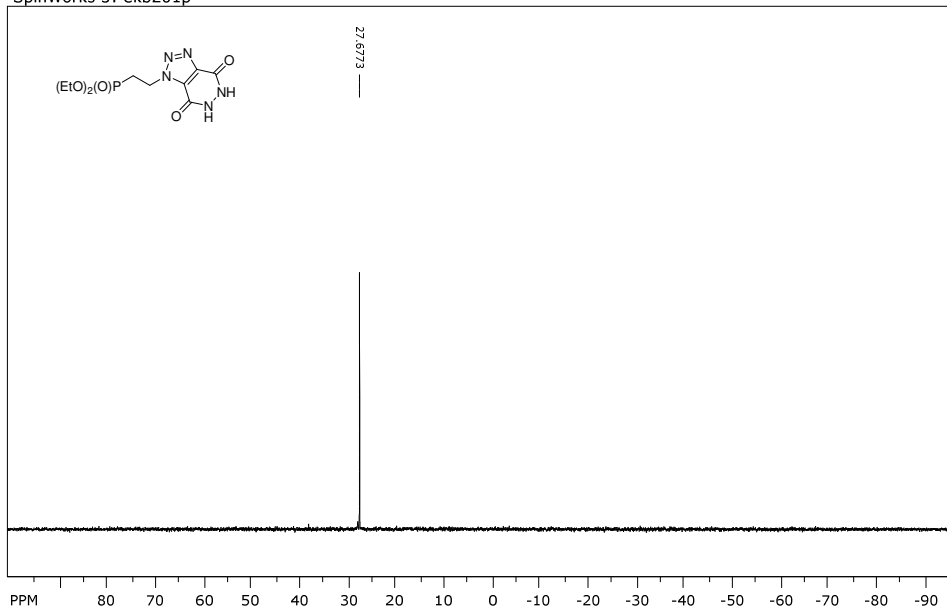


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transmitter freq.: 300.064233 MHz
time domain size: 52032 points
width: 6500.00 Hz = 21.6620 ppm = 0.124923 Hz/pt
number of scans: 16

freq. of 0 ppm: 300.061382 MHz
processed size: 65536 complex points
LB: 0.000 GF: 0.0000
Hz/cm: 98.669 ppm/cm: 0.29550

³¹P NMR

SpinWorks 3: ekb201p



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transmitter freq.: 121.467242 MHz
time domain size: 76800 points
width: 24000.00 Hz = 197.5841 ppm = 0.312500 Hz/pt
number of scans: 136

freq. of 0 ppm: 121.466939 MHz
processed size: 131072 complex points
LB: 2.000 GF: 0.0000
Hz/cm: 960.000 ppm/cm: 7.90337

¹³C NMR

