

## Bruker Parameter Sets

<b>1D Techniques</b>	
<b>1D <sup>1</sup>H</b>	
<b>PROTON</b>	Conventional <sup>1</sup> H spectrum
<b>NOEDIFF</b>	<sup>1</sup> H- <sup>1</sup> H NOE difference spectrum
<b>NOESYPR1D</b>	Solvent-suppressed 1D <sup>1</sup> H NOESY spectrum
<b>PROHOMODEC</b>	<sup>1</sup> H homodecoupled spectrum
<b>PROB11DEC</b>	<sup>11</sup> B-decoupled <sup>1</sup> H spectrum
<b>PROF19DEC</b>	<sup>19</sup> F-decoupled <sup>1</sup> H spectrum
<b>PROP31DEC</b>	<sup>31</sup> P-decoupled <sup>1</sup> H spectrum
<b>1D <sup>13</sup>C</b>	
<b>C13CPD32</b>	1D <sup>1</sup> H-decoupled <sup>13</sup> C spectrum
<b>C13GD</b>	<sup>1</sup> H-coupled <sup>13</sup> C spectrum
<b>C13IG</b>	<sup>1</sup> H-decoupled <sup>13</sup> C spectrum without NOE
<b>C13DEPT45</b>	DEPT-45 spectrum
<b>C13DEPT90</b>	DEPT-90 spectrum
<b>C13DEPT135</b>	DEPT-135 spectrum
<b>1D Inverse</b>	
<b>HMQC1D</b>	Conventional 1D <sup>1</sup> H- <sup>13</sup> C HMQC spectrum
<b>1D Multinuclear</b>	
<b>AL27ND</b>	<sup>27</sup> Al NMR spectroscopy
<b>B11ZG</b>	<sup>11</sup> B NMR spectroscopy
<b>CD113ZG</b>	<sup>113</sup> Cd NMR spectroscopy
<b>CL35ZG</b>	<sup>35</sup> Cl NMR spectroscopy
<b>F19</b>	<sup>1</sup> H-coupled <sup>19</sup> F spectrum
<b>F19CPD</b>	<sup>1</sup> H-decoupled <sup>19</sup> F spectrum
<b>GA71ZG</b>	<sup>71</sup> Ga NMR spectroscopy
<b>HG119CPD</b>	<sup>119</sup> Hg NMR spectroscopy
<b>N15</b>	Conventional <sup>1</sup> H-coupled <sup>15</sup> N spectrum
<b>N15IG</b>	<sup>1</sup> H-decoupled <sup>15</sup> N spectrum
<b>NA23ZG</b>	<sup>23</sup> Na NMR spectroscopy
<b>O17ZG</b>	<sup>17</sup> O NMR spectroscopy
<b>P31</b>	<sup>1</sup> H-coupled <sup>31</sup> P spectrum
<b>P31CPD</b>	Conventional <sup>1</sup> H-decoupled <sup>31</sup> P spectrum
<b>PT195ZG</b>	<sup>195</sup> Pt NMR spectroscopy
<b>RH103ZG</b>	<sup>103</sup> Rh NMR spectroscopy
<b>SE77ZG</b>	<sup>77</sup> Se NMR spectroscopy
<b>SI29IG</b>	<sup>29</sup> Si NMR spectroscopy
<b>SN119IG</b>	<sup>119</sup> Sn NMR spectroscopy
<b>1D Selective</b>	
<b>SELCO1H</b>	Selective 1D <sup>1</sup> H COSY spectrum
<b>SELCOGP</b>	Selective gradient-enhanced 1D <sup>1</sup> H COSY spectrum
<b>SELMLZF1H</b>	Selective 1D TOCSY spectrum
<b>SELMLGP</b>	Selective gradient-enhanced 1D TOCSY spectrum
<b>SELNO1H</b>	Selective 1D NOESY spectrum

<b>SELNOGP</b>	Selective gradient-enhanced 1D NOESY spectrum
<b>SELRO1H</b>	Selective 1D ROESY spectrum
<b>SELROGP</b>	Selective gradient-enhanced 1D ROESY spectrum
<b>SELZG1H</b>	Selective excitation
<b>Solvent Suppression</b>	
<b>MULTIPRESAT</b>	LC-NMR: 1D NOESY experiment using presaturation
<b>P3919GP</b>	1D <sup>1</sup> H WATERGATE spectrum (using 3-9-19)
<b>ZGGPWG</b>	1D <sup>1</sup> H WATERGATE spectrum (using 90° water selective pulses)
<b>ZGPR</b>	Conventional <sup>1</sup> H presaturation spectrum
<b>ZGCPPR</b>	Solvent-suppressed <sup>1</sup> H spectrum
<b>2D Techniques</b>	
<b>2D <sup>1</sup>H</b>	
<b>COSY45SW</b>	2D <sup>1</sup> H- <sup>1</sup> H COSY-45 spectrum
<b>COSY90SW</b>	2D <sup>1</sup> H- <sup>1</sup> H COSY-90 spectrum
<b>COSYGPDFPHSW</b>	Gradient enhanced 2D phase-sensitive <sup>1</sup> H- <sup>1</sup> H COSY-DQF spectrum
<b>COSYGPMFSW</b>	Gradient enhanced 2D <sup>1</sup> H- <sup>1</sup> H COSY-DQF spectrum
<b>COSYGPSW</b>	Gradient enhanced 2D <sup>1</sup> H- <sup>1</sup> H COSY spectrum
<b>MLEVPHSW</b>	2D <sup>1</sup> H- <sup>1</sup> H TOCSY spectrum (using MLEV-17)
<b>NOESYPHSW</b>	2D <sup>1</sup> H- <sup>1</sup> H NOESY spectrum
<b>ROESYPHSW</b>	2D <sup>1</sup> H- <sup>1</sup> H ROESY spectrum
<b>2D <sup>1</sup>H in Water</b>	
<b>COSYPHPR</b>	2D phase-sensitive <sup>1</sup> H- <sup>1</sup> H COSY-45 spectrum
<b>COSYCWPHPS</b>	Phase-sensitive 2D COSY experiment with off-resonance presaturation and CW on f2-channel during acquisition
<b>COSYDCPHWT</b>	Phase-sensitive 2D COSY experiment with WET and presaturation
<b>DIPSI2ETGPSI19</b>	Phase-sensitive gradient enhanced 2D TOCSY (using DIPSI-2) with WATERGATE
<b>MLEVDCPHWT</b>	Phase-sensitive 2D TOCSY experiment with WET (using MLEV)
<b>MLEVGPPH19SW</b>	Phase-sensitive gradient enhanced 2D TOCSY experiment (using MLEV) with WATERGATE
<b>MLEVPHPR</b>	2D phase-sensitive <sup>1</sup> H- <sup>1</sup> H TOCSY spectrum using presaturation
<b>NOESYGPPH19SW</b>	2D <sup>1</sup> H- <sup>1</sup> H NOESY spectrum using WATERGATE
<b>NOESYPHPR</b>	2D phase-sensitive <sup>1</sup> H- <sup>1</sup> H NOESY spectrum using presaturation
<b>ROESYPHPR</b>	2D phase-sensitive <sup>1</sup> H- <sup>1</sup> H ROESY spectrum using presaturation
<b>2D <sup>13</sup>C-detected</b>	
<b>HCCOLOSW</b>	2D <sup>13</sup> C- <sup>1</sup> H COLOC spectrum
<b>HCCOSW</b>	2D <sup>13</sup> C- <sup>1</sup> H HETCOR spectrum
<b>INAD</b>	2D INADEQUATE
<b>2D <sup>1</sup>H<sup>13</sup>C Inverse</b>	
<b>HMBCGPND</b>	Phase-sensitive gradient enhanced 2D <sup>1</sup> H- <sup>13</sup> C HMBC spectrum
<b>HMBCGP</b>	Phase-sensitive gradient enhanced 2D <sup>1</sup> H- <sup>13</sup> C HMBC experiment with low-pass J-filter
<b>HMBCLPND</b>	2D <sup>1</sup> H- <sup>13</sup> C HMBC spectrum
<b>HMQCBI</b>	2D <sup>1</sup> H- <sup>13</sup> C HMQC spectrum using BIRD
<b>HMQCBIPH</b>	2D phase-sensitive <sup>1</sup> H- <sup>13</sup> C HMQC spectrum using BIRD
<b>HMQCGP</b>	Gradient enhanced 2D <sup>1</sup> H- <sup>13</sup> C HMQC spectrum

<b>HMQCPH</b>	2D phase-sensitive $^1\text{H}$ - $^{13}\text{C}$ HMQC spectrum
<b>HMQCPHR</b>	2D $^1\text{H}$ - $^{13}\text{C}$ HMQC spectrum using presaturation
<b>HSQCGP</b>	Phase-sensitive gradient enhanced 2D $^1\text{H}$ - $^{13}\text{C}$ HSQC spectrum
<b>Relaxation</b>	
<b>TROSYETF3GPSI</b>	Phase-sensitive gradient enhanced 2D TROSY experiment
<b>TROSYF3GPPH19</b>	Phase-sensitive gradient enhanced 2D TROSY experiment using WATERGATE
<b>TRT1ETF3GPSI</b>	Phase-sensitive TROSY experiment to measure $^{15}\text{N}$ $T_1$ relaxation times
<b>TRT2ETF3GPSI</b>	Phase-sensitive TROSY experiment to measure $^{15}\text{N}$ $T_2$ relaxation times
<b>HSQCNOEF3GPSI</b>	Phase-sensitive gradient enhanced 2D reverse INEPT experiment to measure heteronuclear $^{15}\text{N}\{^1\text{H}\}$ NOE (sensitivity-improvement)

List compiled by Sarah Nichols