

FBR1: Avance III HD 500 MHz NMR

<i>Magnet</i>	11.74 T
<i>¹H Frequency</i>	500.13 MHz
<i>Console</i>	Avance III HD
<i>Amplifiers</i>	BLAH300 BLA2X500 with QNP 300W
<i>Miscellaneous</i>	AQS/3+ IPSO HPPR II BSMS/2 GAB/2 BCU05 Variable Temperature Unit
<i>Software</i>	Topspin 3.2.5 in Windows 7
<i>Default Probe</i>	5.0mm BBFO probe (¹ H, ¹⁰⁹ Ag- ³¹ P, ¹⁹ F) ¹ H: resolution 0.29 Hz, signal-to-noise 690. ¹³ C: resolution 0.07 Hz, signal-to-noise 341. Other Nuclei: ² H, ¹¹ B, ¹⁵ N, ¹⁹ F, ²⁵ Mg, ²⁹ Si, ³¹ P, ¹¹⁹ Sn.
<i>Other Probes</i>	2.5mm TXI probe (¹ H, ¹⁵ N, ¹³ C) 3.0mm LC/SEI probe (¹ H, ¹³ C) 4.0mm CP-MAS probe (¹ H, ⁿ X, <i>DOTY</i>) 4.0mm HR-MAS probe (¹ H, ¹³ C) 5.0mm BBO probe (¹ H, ¹⁰⁹ Ag- ³¹ P) 5.0mm BBI probe (¹ H, ¹⁵ N- ³¹ P)