General guidelines and rules of the OC NMR department (as of 25.07.2023)

	ice NMR: Requests for measurements should be done through submission of a sample with a request slip Contact with NMR personnel preferred over the phone or by email
	service operation of the Open-Access spectrometer (after instruction only): The Open-Access Spectrometer is available to researchers of the Organic Chemistry Institute For instruction, please contact Timon Reckmann (timon.reckmann@wwu.de), Tel. 39773) 1D NMR: ¹ H, ¹⁹ F, ¹¹ B, and ³¹ P NMR spectra (only concentrated samples!) Maximum of three samples per person at any one time
	MHz NMR services available on request: Urgent ¹ H and ¹⁹ F NMR measurements (will be measured in priority) (e.g. if there are too many samples in the queue of the access spectrometer!) ¹³ C, heteronuclear, and specialized ¹⁹ F NMR measurements Serial measurements
_ 	-field NMR: Specialized 1D/2D NMR measurements – see the request slip for details Other specialized techniques available on request As a rule, only accepted after initial confirmation of purity through ¹ H and ¹⁹ F NMR on the 400 MHz spectrometer A list of all δ(¹⁹ F) values must be given on the request slip for samples containing fluorine
	Iling of samples: No letters or symbols should be used to label samples beyond those of the user's three-letter abbreviation, e.g.: mue 591-1 (= user identifier & reaction/sample number)
	Template should be downloaded, filled out, and printed in advance (Don't plot the paper double-sided!) (https://www.uni-muenster.de/Chemie.oc/en/nmr/nmr-service.html) The solvent, amount of analyte, reaction number and requested experiments should be filled out by hand in legible handwriting One form for several samples only with the same solvent and with identical measurement requirements
	ple preparation: The exterior of NMR tubes must be absolutely clean NMR tubes must be 18–21.5 cm long; broken or damaged NMR tubes and caps are forbidden Tubes should be filled to 5 cm with samples, in deuterated solvents only (no mixtures!)
	ial case: serial measurements of x samples (where x > 3): Samples will be numbered 1 through x Only possible for samples in the same solvent and with identical measurement requirements Instead of attaching a sample label, the caps should be marked 1 through x and placed in the provided sample stands (to the right of the department entrance) with one request slip per series
-	ple submission and return: In front of the department entrance (observing all signs)
	nload of raw data: Data from all spectrometers can be downloaded onto the user's PC immediately after measurement with the program "mora the explorer".

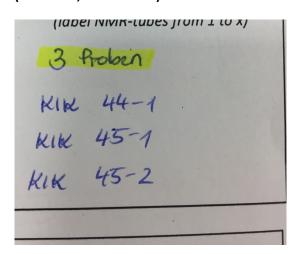
Examples:

Several samples with the same solvent and identical measurement requirements:

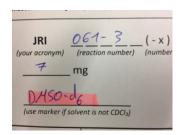
Serial measurements: (only for more than 3 samples!)



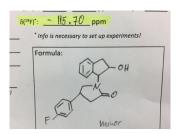
Up to three samples: (One form, three labels)



For solvents other than CDCl₃:



Highfield-NMR of Fluor containing compounds list of all $\delta(^{19}F)$ is required:



Acknowledgment:

We thank Matt Milner for kind translation and especially for providing the program "mora the explorer"!

Final note:

☐ Samples that do not conform to the guidelines 100% will be returned unmeasured.