

Abbreviations and Terms

COSY	Correlation Spectroscopy
DQF-COSY	Double-quantum filtered correlation spectroscopy
f1	“Indirectly” detected dimension
f2	“Directly” detected dimension
FID	Free Induction Decay
HMBC	Heteronuclear Multiple Bond Coherence
HMQC	Heteronuclear Multiple Quantum Coherence
HSQC	Heteronuclear Single Quantum Coherence
Hz	Hertz
MHz	Megahertz
MW	Molecular Weight
NMR	Nuclear Magnetic Resonance
NOE	Nuclear Overhauser Effect
NOESY	Nuclear Overhauser Effect Spectroscopy
PFG	Pulsed field gradient
ppm	parts per million
probe	part of the spectrometer where RF signal is sent and received
Proton	used interchangeably for ^1H
RF	radio frequency
ROESY	Rotating frame Overhauser effect spectroscopy
T1	Longitudinal Relaxation
T2	Transverse Relaxation
TOCSY	Total Correlation Spectroscopy
VnmrJ	Varian’s software used to interface with console
VT	variable temperature control
X-nucleus	used to refer to anything not ^1H
<i>command</i>	The command for the command line is shown as <i>italic in red</i>
“Start Tab”	Text with yellow background refers to a clickable item in the VnmrJ 4.2 software interface