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LIST OF ABBREVIATIONS AND SYMBOLS

<i>s</i>	=	singlet
<i>d</i>	=	doublet
<i>t</i>	=	triplet
<i>q</i>	=	quartet
<i>m</i>	=	multiplet
<i>dd</i>	=	doublet of doublet
<i>dt</i>	=	doublet of triplet
<i>br s</i>	=	broad singlet
<i>g</i>	=	gram
nm	=	nanometer
mp	=	melting point
cm ⁻¹	=	reciprocal centimeter (wave number)
δ	=	chemical shift relative to TMS
<i>J</i>	=	coupling constant
$[\alpha]_D$	=	specific rotation
λ_{\max}	=	maximum wavelength
ν	=	absorption frequencies
ϵ	=	molar extinction coefficient
<i>m/z</i>	=	a value of mass divided by charge
°C	=	degree celcius
MHz	=	Megahertz
ppm	=	part per million
<i>c</i>	=	concentration
IR	=	Infrared
UV	=	Ultraviolet
MS	=	Mass Spectroscopy
ESITOFMS	=	Electrospray Ionization Time of Flight Mass Spectroscopy
HREIMS	=	High Resolution Electron Impact Mass Spectroscopy
NMR	=	Nuclear Magnetic Resonance

LIST OF ABBREVIATIONS AND SYMBOLS (CONTINUED)

1D NMR	=	One Dimensional Nuclear Magnetic Resonance
2D NMR	=	Two Dimensional Nuclear Magnetic Resonance
COSY	=	Correlation Spectroscopy
DEPT	=	Distortionless Enhancement by Polarization Transfer
HMBC	=	Heteronuclear Multiple Bond Correlation
HMQC	=	Heteronuclear Multiple Quantum Coherence
NOESY	=	Nuclear Overhauser Effect Spectroscopy
CC	=	Column Chromatography
QCC	=	Quick Column Chromatography
PLC	=	Preparative Thin Layer Chromatography
TMS	=	tetramethylsilane
CDCl ₃	=	deuteriochloroform
CD ₃ OD	=	deuteromethanol