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LIST OF ABBREVIATIONS AND SYMBOLS

<i>s</i>	=	<i>singlet</i>
<i>d</i>	=	<i>doublet</i>
<i>t</i>	=	<i>triplet</i>
<i>q</i>	=	<i>quartet</i>
<i>m</i>	=	<i>multiplet</i>
<i>dd</i>	=	<i>doublet of doublet</i>
<i>dt</i>	=	<i>doublet of triplet</i>
<i>brs</i>	=	<i>broad singlet</i>
<i>qd</i>	=	<i>quartet of doublet</i>
<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
[α] _D	=	Specific rotation
λ _{max}	=	Maximum wavelength
<i>ν</i>	=	Absorption frequencies
ε	=	Molar extinction coefficient
<i>m/z</i>	=	A value of mass divided by charge
°C	=	Degree celcius
<i>MHz</i>	=	Megahertz
ppm	=	Part per million
<i>C</i>	=	Concentration
FT-IR	=	Fourier Transform Infrared
UV-Vis	=	Ultraviolet-Visible
ESI-TOF MS	=	Electrospray Ionization Time-of-Flight Mass Spectrometry

LIST OF ABBREVIATIONS AND SYMBOLS (Continued)

CIMS	=	Chemical Impact Mass Spectrometry
HREIMS	=	High Resolution Chemical Impact Mass Spectrometry
EIMS	=	Electron Impact Mass Spectrometry
HREIMS	=	High Resolution Electron Impact Mass Spectrometry
NMR	=	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
NOE	=	Nuclear Overhauser Effect
NOESY	=	Nuclear Overhauser Effect Correlation Spectroscopy
CC	=	Column Chromatography
QCC	=	Quick Column Chromatography
PLC	=	Preparative Thin Layer Chromatography
DCM	=	Dichloromethane
TMS	=	Tetramethylsilane
CDCl ₃	=	Deuteriochloroform
CD ₃ OD	=	Deuteromethanol