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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>br s</i>	=	<i>broad singlet</i>
<i>br m</i>	=	<i>broad multiplet</i>
g	=	gram
nm	=	nanometer
mp.	=	melting point
cm ⁻¹	=	reciprocal centimeter (wave number)
δ	=	chemical shift relative to TMS
<i>J</i>	=	<i>coupling constant</i>
[α] _D	=	specific rotation
λ_{max}	=	maximum wavelength
<i>V</i>	=	absorption frequencies
\mathcal{E}	=	molar extinction coefficient
Fig.	=	Figure
<i>m/z</i>	=	a value of mass divided by charge
°C	=	degree celcius
MHz	=	Megahertz
ppm	=	part per million

ABBREVIATIONS AND SYMOLS (continued)

<i>c</i>	=	concentration
IR	=	Infrared
UV	=	Ultraviolet-Visible
MS	=	Mass Spectroscopy
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 Spectroscopy
CC	=	Column Chromatography
QCC	=	Quick Column Chromatography
FCC	=	Flash Column Chromatography
PLC	=	Preparative Thin Layer Chromatography
TMS	=	tetramethylsilane
CDCl ₃	=	deuteriochloroform