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LIST OF ILLUSTRATIONS

LIST OF ABBREVIATIONS

Anal.	Analysis
aq	Aqueous
ArH	Aromatic proton (in ^{1}H NMR)
atm	Atmosphere(s), atmospheric
Bp.	Boiling point (°C)
calc	Calculate
cat	Catalyst
COSY	Correlation Spectroscopy
cm	Centimeter(s)
cm^{-1}	Reciprocal centimeter (wave munber)
dec., decomp.	Decompose(s)
DEPT	Distortionless Enhancement by Polarization Transfer
DIBAH	Diisobutyl aluminium hydride
DME	1,2-dimethoxyethane
DMF	Dimethylformamide
DCM	Dichloromethane
DMSO	Dimethyl sulfoxide
CCC	Classical Column Liquid Chromatography
E^+	Electrophile(s)
e.g.	(Exempli gratia) for example(s)
eq	Equivalent(s)
et al	(et alii) and others
g	Gram
Glu	Glucose
h	Hour
HMPA	Hexamethylphosphoramide
HMQC	Heteronuclear Multiple Quantum Coherence

HPLC	High Performance Liquid Chromatography
HSQC	Heteronuclear Singel Quantum Coherence
Hz	Hertz
IR	Infrared spectroscopy
LDA	Lithium diisopropylamide
M	Molar
MCPBA	Metachloroperbenzoic acid
Mp.	Melting point (°C)
MHz	Megahertz
min	Minute
ml	Mililiter
NMR	Nuclear Magnetic Resonance
2D NMR	Two Dimentional Nuclear Magnetic Resonance
NOESY	Nuclear Overhauser Enhancement Spectroscopy
PLC	Preparative Layer Chromatography
ppm	Part per million
Rha	Rhamnose
TLC	Thin Layer Chromatography
TMEDA	Tetramethylethylenediamine
TOCSY	Total Correlation Spectroscopy
V	Volt(s)
Vol	Volume
μ	Micron (micrometer)
$[\alpha]_D^{20}$	Specific rotation (°)
w/v	Weight by volume
δC	^{13}C chemical shift (ppm)
δH	^{1}H chemical shift (ppm)
J	Coupling constant (Hz)
s	Singlet

br d	Broad doublet
dd	Double doublet
br d	Broad double of doublet
ddd	Double double of doublet
dq	Double quartet
t	Triplet
dt	Double triplet
q	Quartet
m	Multiplet
UV	Ultraviolet
λ	Wavelenght
Ref.	Reference(s)
Δ	Heat, reflux, warm