

List of Abbreviations and Symbols

CCDC	Cambridge Crystallographic Data Centre
CD	Circular dichroism
cm	Centimeter
CPL	Circularly polarized <i>luminescence</i>
DMF	N,N-Dimethylformamide
dppp	1,3-Bis(diphenylphosphino)propane
ee	enantiomeric excess
EI-Mass	Electron Impact Ionization Mass Spectrometry
ESI-Mass	Electrospray Ionization Mass Spectrometry
FTIR	Fourier transform infrared spectroscopy
HRMS	High-resolution mass spectrometry
M.p.	Melting point
MALDI-TOF-MS	Matrix-assisted laser desorption-ionization time-of-flight mass spectrometry
min	Minute
NMR	Nuclear magnetic resonance
ORD	Optical rotatory dispersion
RT	Room temperature
THF	Tetrahydrofuran
TLC	Thin layer chromatography
TsOH	<i>p</i> -Toluenesulfonic acid or tosylic acid
UV	Ultraviolet–visible spectroscopy
VT-NMR	Variable temperature <i>nuclear magnetic resonance</i>
ORTEP	Oak Ridge thermal ellipsoid plot
m/z	Mass-to-charge ratio
XRD	X-Ray diffraction
mmol	Millimoles
mL	Milliliters
w/v	Mass concentration/ Weight to volume ratio
<i>C</i>	Concentration
α	Alpha
β	Beta
δ	Delta
$^{\circ}$	Degree
ppm	parts per million
mHz	Mega hertz
θ	Theta
Å	Angstrom
nm	Nanometer
$^{\circ}\text{C}$	Degree Celsius
K	Kelvin
mg	Milligrams
g	Grams