

List of Abbreviations

AcOH	: acetic acid
C	: centigrade
D	: debye
d	: doublet
DBA	: dibenzoylacetylene
DBU	: 1,8-Diazabicyclo[5.4.0]undec-7-ene
DCM	: dichloromethane
DEPT	: distortionless enhancement by polarisation transfer
DMAD	: dimethylacetylenedicarboxylate
DMF	: dimethylformamide
1,3-DC	: 1,3-Dipolar cycloaddition
E	: entgegen
FT IR	: fourier transform infrared
g	: gram
h	: hour
GC-MS	: gas chromatography-mass spectrometry
HOMO	: highest occupied molecular orbital
Hz	: hertz
LUMO	: lowest occupied molecular orbital
m	: multiplet
Me	: methyl
mg	: milligram
min	: minute
mL	: millilitre
mp	: melting point
MS	: mass spectrometry
nm	: nanometre
NMR	: nuclear magnetic Resonance
OLED	: Organic light emitting diode
ORTEP	: oak ridge thermal ellipsoid plot program
<i>m</i> -CPBA	: <i>m</i> -chloroperbenzoic acid
MO	: molecular orbital
Ph	: phenyl
RT	: room temperature
s	: singlet
SWNT	: single-wall carbon nanotube
t	: triplet
THF	: tetrahydrofuran
TLC	: thin layer chromatography
TMS	: tetramethylsilane
UV	: ultraviolet
XRD	: X-ray diffraction
Z	: zusammen

