

ABBREVIATION

Å	Angstrom
Acac	Acetylacetonate
AcOH	Acetic acid
br	Broad
cm	Centimeter
Cy	Cyclohexyl
CDCl ₃	Deuterated chloroform
d	Doublet
DMF	N, N-Dimethylformamide
DMSO	Dimethyl sulfoxide
DABCO	(1,4-diazabicyclo[2.2. 2]octane)
DMEDA	1,2-Dimethylethylenediamine
EQUIV	Equivalent
EtOH	Ethanol
FT-IR	Fourier-transform infrared spectroscopy
g	gram/grams
GO	Graphene oxide
h	hour/hours
HIV	Human immunodeficiency virus
HRMS	High-resolution mass spectroscopy
m	Multiplet
MHz	Mega hertz
min	minute/minutes
mL	millilitre
mmol	millimole
mol%	mole percent
MS	Molecular sieve
MNPs	magnetic nanoparticles
MW	microwave
MCM	mesoporous material
MCPBA	meta-chloroperoxybenzoic acid
nm	Nanometer

NMR	Nuclear magnetic resonance
NPS	Nanoparticles
°C	Degree Celsius
Phen	Phenyl
RT	Room temperature
s	Singlet
t	Triplet
THF	Tetrahydrofuran
TLC	Thin-layer chromatography
TON	turnover number
TMS	tetramethylsilane
TOF	turnover frequency
TFA	Trifluoroacetic acid
UV	Ultraviolet