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Abbreviations and symbols

Å	= Angstrom unit (1 Å = 10 ⁻¹⁰ meter)
A.R. grade	= Analytical reagent grade
azpy	= 2-(phenylazo)pyridine
azpym	= 2-(phenylazo)pyrimidine
bpy	= 2,2'-bipyridine
CHCl ₃	= chloroform
CH ₂ Cl ₂	= dichloromethane
CH ₃ CN	= acetonitrile
cm ⁻¹	= wavenumber
CV	= Cyclic voltammetry
d	= doublet
deazpy	= 2-(4'- <i>N,N</i> -diethylaminophenylazo)pyridine
deazpym	= 2-(4'- <i>N,N</i> -diethylaminophenylazo)pyrimidine
dmazpy	= 2-(4'- <i>N,N</i> -dimethylaminophenylazo)pyridine
DMF	= <i>N,N</i> -dimethylformamide
DMSO	= Dimethyl sulfoxide
ES-MS	= Electrospray Mass Spectrometry
g	= gram
h	= hour
HOMO	= Highest Occupied Molecular Orbital
Hz	= hertz
IR	= Infrared
K	= Kelvin
LUMO	= Lowest Occupied Molecular Orbital
mg/mL	= milligram per milliliter

Abbreviations and symbols (continued)

mL	= milliliter
MLCT	= metal-to-ligand charge transfer
mmol	= millimole
mV/s	= millivolt per second
MW.	= molecular weight
m/z	= a value of mass divided by charge
nm	= nanometer
NMR	= Nuclear Magnetic Resonance
phen	= 1,10-phenanthroline
ppm	= part per million
Rel. Abun.	= relative abundance
s	= singlet
t	= triplet
TMS	= tetramethylsilane
UV	= Ultraviolet
°	= degree
λ	= wavelength
ϵ	= molar extinction coefficient