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## List of abbreviations

Å	= Angstrom unit (1 Å = 10 <sup>-10</sup> meter)
A.R. grade	= Analytical reagent grade
azpy	= 2-(phenylazo)pyridine
diazpy	= 2,6-(diphenylazo)pyridine
bpy	= 2,2'-bipyridine
CH <sub>2</sub> Cl <sub>2</sub>	= dichloromethane
cm <sup>-1</sup>	= wave number
CV	= Cyclic voltammetry
d	= doublet
DMF	= <i>N,N</i> -dimethylformamide
DMSO	= Dimethyl sulfoxide
g	= gram
h	= hour
Hz	= hertz
IR	= Infrared
K	= Kelvin
mg/mL	= milligram per milliliter
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

### List of abbreviations (continued)

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
$\lambda$	= wavelength
$\epsilon$	= molar extinction coefficient