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ABBREVIATIONS AND SYMBOLS

azpy	=	2-(phenylazo)pyridine
dmsazpy	=	2-*(N,N*-dimethylphenylazo)thiazole
desazpy	=	2-*(N,N*-diethylphenylazo)thiazole
L	=	ligand
ES-MS	=	Electrospray Mass Spectrometry
IR	=	Infrared
NMR	=	Nuclear Magnetic Resonance
UV	=	Ultraviolet
CV	=	Cyclic voltammetry
mmol	=	millimole
g	=	gram
mg	=	milligram
h	=	hour
mL	=	milliliter
^{o}C	=	degree celcius
min.	=	minutes
A.R.grade	=	Analytical reagent grade
R_f	=	retardation factor
TLC	=	Thin-Layer Chromatography
m/z	=	a value of mass divided by charge
Rel. abun.	=	relative abundance
cm^{-1}	=	reciprocal centimeter (wavenumber)
s	=	singlet
d	=	doublet
t	=	triplet

ABBREVIATIONS AND SYMBOLS (continued)

δ	=	chemical shift relative to TMS
J	=	coupling constant
ppm	=	part per million
δ	=	chemical shift
Hz	=	hertz
MHz	=	megahertz
H-n	=	position of protons
$CDCl_3$	=	deuteriochloroform
TMS	=	tetramethylsilane
nm	=	nanometer
λ_{max}	=	maximum wavelength
ν	=	absorption frequencies
ε	=	molar extinction coefficient
MLCT	=	metal-to-ligand charge transfer
HOMO	=	Highest Occupied Molecular Orbital
LUMO	=	Lowest Unoccupied Molecular Orbital
Å	=	angstrom unit
°	=	degree
mV/s	=	millivolt per second
V	=	Volt
A	=	Ampere
CH_2Cl_2	=	dichloromethane
$CHCl_3$	=	chloroform

DMF	=	dimethylformamide
DMSO	=	dimethyl sulfoxide
CH_3CN	=	acetonitrile