

List of abbreviations

Anhyd.	anhydrous
2D	Two-dimensional
2PA	Two photon-absorption
3PA	Three photon-absorption
BODIPY	Boron-dipyrromethene
br	Broad
Calcd.	Calculated
Conc.	Concentration
Cy	Cyanine
D	Doublet
DBU	1,8-Diazabicyclo[5.4.0]undec-7-ene
DCM	Dichloromethane
DCB	1,2-Dichlorobenzene
DCE	1,2-Dichloroethane
DDQ	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone
DMSO	Dimethylsulfoxide
DMF	N,N-Dimethylformamide
DMAc	N,N-Dimethylacetamide
DOTC-I	3,3'-Diethyloxatricarbocyanine iodide
EPR	Electron paramagnetic resonance
fs	femto second
Equiv.	Equivalent
FDA	Food and Drug Administration
HRMS	High resolution-mass spectrometry
HOMO	Highest occupied molecular orbital
h	Hour (s)
KFL	Keio Fluors
LUMO	Lowest unoccupied molecular orbital

LCMS	Liquid chromatography mass spectrometry
m	Multiplet
<i>m</i>	Meta
m/z	Mass/charge
min	Minute (s)
naph	Naphthalene
Ph	Phenyl
Py	Pyrrole
NMR	Nuclear magnetic resonance
NOESY	Nuclear Overhauser effect spectroscopy
NLO	Non-linear optics
NIR	Near infra-red
<i>o</i>	Ortho
ORTEP	Oak Ridge Thermal Ellipsoid Program
<i>p</i>	Para
ps	Pico second
<i>i</i> -Pr	<i>iso</i> -Propyl
<i>n</i> -Pr	<i>n</i> -Propyl
s	Singlet
TBAF	Tetrabutylammonium fluoride
TFA	Trifluoroacetic acid
THF	Tetrahydrofuran
TLC	Thin layer chromatography
t	Triplet
<i>p</i> -TsOH	para-Toluene sulfonic acid
TEA	Triethylamine
UV-Vis	Ultraviolet-Visible
UV-Vis-NIR	Ultraviolet-Visible-Near infrared
XRD	X-Ray diffraction