

List of Abbreviation

EB	Ethidium Bromide
PPHs	Pyrrolophenanthridines
FLC	Friend erythroleukemia cells
AMSA	9- acridinyl methane sulfonamide
BCPA	benzo[<i>c</i>]phenanthridines
LAH	Lithium Aluminium Hydride
HAS	Homolytic Aromatic Substitution
NBS	<i>N</i> -bromosuccinimide
TEA	Triethylamine
TBAB	Tetrabutylammonium bromide
DPP	Dihydropyrrolophenanthridines
IP	Imidazophenanthridines
DIP	Dihydroimidazophenanthridines
ppl	Pyrazino[2,3- <i>f</i>][1,10]phenanthroline
dppl	Dipyrido[3,2- <i>a</i> :2',3'- <i>c</i>]phenazine
OLED	Organic Light Emitting Diode
TLC	Thin Layer Chromatography
DA Rxn	Diels-Alder Reaction
DFT	Density Functional Theory
DMAD	Dimethyl acetylenedicarboxylate

DEAD	Diethyl acetylenedicarboxylate
DIPEA	<i>N,N</i> -Diisopropylethylamine
DMAP	4-Dimethylaminopyridine
DMF	Dimethylformamide
TBAB	Tetra- <i>n</i> -butylammonium bromide
HIV	Human Immunodeficiency Virus
FMO	Frontier Molecular Orbitals
HOMO	Highest Occupied Molecular Orbital
NMR	Nuclear magnetic Resonance
UV	Ultra Violet
LUMO	Lowest Unoccupied Molecular Orbital
MW	Microwave
NBO	Natural Bonding Orbital
PES	Potential Energy Surface
PSSA	Polystyrenesulfonic Acid
THF	Tetrahydrofuran
ZPE	Zero-point Energy

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