

ABBREVIATIONS

CQS	Chloroquinaxoline sulphonamide
TBBt	4,5,6,7-Tetrabromo-1H-1,2,3-benzotriazole
SPOS	Solid-phase organic synthesis
GO	Graphene oxide
Si(OH) ₄	Silicic acid
MCR	Multi-component reactions
PTC	Phase-transfer catalyst
<i>N</i> -Boc	<i>N</i> -Tert-butoxycarbonyl
DABCO	1,4-Diazabicyclo[2.2.2]octane
DHPM	3,4-Dihydropyrimidone
Si-DCT	Silica supported dichlorotriazine
SSA	Silica based sulfonic acid
SBBC	Silica-bound benzoyl chloride
DMF	Dimethyl formamide
NH ₄ OAc	Ammonium acetate
SBSSA	Silica bonded S-sulfonic acid
MW	Microwave
TsDPEN	Tosylated diphenylethylenediamine
NAP	2-Naphthylmethyl
Pd(OAc) ₂	Palladium acetate
(NH ₄) ₂ S ₂ O ₈	Ammonium persulfate
NaIO ₄	Sodium periodate
rt	Room temperature
FT-IR	Fourier Transform Infrared Spectroscopy
NMR	Nuclear Magnetic Resonance Spectroscopy

TEM	Transmission Electron Microscopy
AFM	Atomic Force Microscopy
SOCl ₂	Thionyl chloride
DCC	<i>N,N'</i> -Dicyclohexylcarbodiimide
NHS	N-Hydroxysuccinimide
EDC	1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide
DMAP	4-Dimethylaminopyridine
DMDA	<i>N,N</i> -Dimethyldopamine
SEBS	Styrene Ethylene Butylene Styrene
TON	Turnover Number
CDG	Chemically Derived Graphene
TOF	Turnover Frequency
Na ₂ CO ₃	Sodium carbonate
TCC	Three-component coupling
PEG	Polyethylene glycol
PivOH	Pivalic acid
AgNTf ₂	Silver triflimide
(PPh ₃) ₂ PdCl ₂	Bis(triphenylphosphine)palladium(II) dichloride
PVP	Polyvinyl pyrrolidone
Pd(PPh ₃) ₄	Tetrakis(triphenylphosphine)palladium
eq	Equivalent