

## ABBREVIATIONS

Aq.	:	aqueous
Ac <sub>2</sub> O	:	acetic anhydride
BAIB	:	bis(acetoxy)iodobenzene
Bn	:	benzyl
Bu	:	butyl
<sup>t</sup> BuOH	:	<i>tert</i> -butanol
<sup>t</sup> BuOK	:	potassium <i>tert</i> -butoxide
CSA	:	camphor sulfonic acid
Cy	:	cyclohexyl
DET	:	diethyl tartrate
DIBAL-H	:	diisobutylaluminum hydride
DIPEA	:	diisopropylethyl amine
DMAP	:	4- <i>N,N</i> -dimethyl amino pyridine
DMF	:	dimethyl formamide
DMSO	:	dimethyl sulphoxide
DMS	:	dimethylsulphide
2, 2-DMP	:	2,2-dimethoxy propane
EtOAc	:	ethyl acetate
EtOH	:	ethanol
ESIMS	:	electrospray ionization mass spectrometry

EI	:	electron impact
Hz	:	hertz
h	:	hour(s)
HRMS	:	high resolution mass spectrum
IBX	:	iodoxybenzoic acid
IR	:	Infrared
Me	:	methyl
MeOH	:	methanol
NaH	:	sodium hydride
NMR	:	nuclear magnetic resonance
ee	:	enantiomeric excess
PMR	:	proton magnetic resonance
<i>p</i> -TSA	:	<i>para</i> -toluene sulphonic acid
PMB	:	<i>para</i> -methoxybenzyl
Piv	:	pivoly
Py	:	pyridine
PDC	:	pyridiniumdichromate
PPTS	:	pyridinium <i>para</i> -toluene sulphonate
Ph	:	phenyl
rt	:	room temperature
TBAF	:	tetra <i>n</i> -butylammoniumfluoride
TBAI	:	tetra <i>n</i> -butylammoniumiodide

TBS	:	<i>tert</i> -butyldimethylsilyl
TBDPS	:	<i>tert</i> -butyldiphenylsilyl
TBHP	:	<i>tert</i> -butylhydroperoxide
TEA	:	triethylamine
TEMPO	:	2,2,6,6-tetramethyl-1-piperidinyloxy free radical
TFA	:	trifluoroacetic acid
THF	:	tetrahydrofuran
THP	:	tetrahydropyran
TPP	:	triphenylphosphine
TiCl <sub>4</sub>	:	titaniumtetrachloride
Ti(O <sup><i>i</i></sup> Pr) <sub>4</sub>	:	titanium tetraisopropoxide
Ts	:	tosyl
UV	:	ultraviolet