ABBREVIATIONS

AcOH	:	Acetic acid
aq.	:	Aqueous
Ar	:	Aryl
Bn	:	Benzyl
BAIB	:	[Bis(acetoxy)iodo]benzene
Boc	:	*tert.*-Butyloxycarbonyl
Bz	:	Benzoyl
(*S*)-β-Caa	:	(*S*)-*C*-linked carbo β-amino acid
(*R*)-β-Caa	:	(*R*)-*C*-linked carbo β-amino acid
c	:	Concentration (%)
CD	:	Circular dichroism
$CDCl_3$	:	Deuterated chloroform
CF_3COOH	:	Trifluoroacetic acid
$CHCl_3$	:	Chloroform
CH_2Cl_2	:	Dichloromethane (DCM)
CH_2N_2	:	Diazo methane
CH_3COOH	:	Acetic acid
CHP	:	Cumene Hydroperoxide
$(COCl)_2$	:	Oxalyl chloride
DBU	:	1,8-Diazobicyclo[5.4.0]undec-7-ene
DBN	:	1,5-Diazobicyclo[4.3.0]non-5-ene
DDQ	:	2,3-Dichloro-5,6-dicyanobenzoquinone
DIBAL-H	:	Diisobutylaluminium hydride
DIPEA	:	Diisopropylethylamine
DIPT	:	Diisopropyl tartarate
DMF	:	Dimethylformamide
2,2-DMP	:	2,2-Dimethoxypropane
DMAP	:	4-Dimethylaminopyridine
DMSO	:	Dimethyl sulfoxide
EDCI	:	(1-[3-(Dimethylamino)propyl]-3-ethylcarbodiimide) hydrochloride
EIMS	:	Electron Impact Mass Spectrometry
ESIMS	:	Electrospray Ionization Mass Spectrometry
Et_3N	:	Triethyl amine
EtOAc	:	Ethyl acetate
EtOH	:	Ethanol
eq.	:	Equivalent(s)
FABMS	:	Fast Atom Bombardment Spectrum

g	:	Gram(s)
h	:	Hour(s)
HCHO	:	Formaldehyde
H_2O_2	:	Hydrogen peroxide
HOBt	:	1-Hydroxybenzotriazole
HRMS	:	High Resolution Mass Spectrum
Hz	:	Hertz
IR	:	Infrared
J	:	Coupling constant
K_2CO_3	:	Potassium carbonate
KOH	:	Potassium hydroxide
$LiAlH_4$	:	Lithium aluminium hydride
M^+	:	Molecular ion
MD	:	Molecular dynamics
MeI	:	Methyl iodide
MeOH	:	Methanol
min	:	Minute(s)
Ml	:	Milliliter(s)
Mmol	:	Millimole(s)
m. p.	:	Melting point
MHz	:	Megahertz
MOM	:	Methoxy Methyl
MS	:	Mass spectrometry
m/z	:	Mass to charge ratio (in mass spectrometry)
$NaClO_2$	:	Sodium chlorite
NaH	:	Sodium hydride
$NaHCO_3$	:	Sodium bicarbonate
NaI	:	Sodium iodide
$NaIO_4$	:	Sodium meta periodate
NaOH	:	Sodium hydroxide
n-BuLi	:	*n*-Butyl lithium
NH_4Cl	:	Ammonium chloride
NMR	:	Nuclear magnetic resonance
NMU	:	Nitroso methyl urea
NMO	:	N-methyl morpholine-N-oxide
nOe	:	Nuclear Overhauser Effect
OsO_4	:	Osmium tetraoxide
Ph	:	Phenyl
PMB	:	*para*-Methoxybenzyl
Ph_3P	:	Triphenyl phosphine

PTSA	:	*para*-Tolune Sulphonic Acid
RCM	:	Ring Closing Metathesis
rt	:	Room temperature
ROESY	:	Rotating frame nuclear Overhauser effect spectroscopy
sat.	:	Saturated
SAA	:	Sugar Amino Acid
^{t}BuOH	:	*tert.*-Butanol
TBAF/Bu_4NF	:	Tetra-*n*-butylammonium fluoride
TBS/TBDMS	:	*tert.*-Butyldimethylsilyl
TPS/TBDPS	:	*tert.*-Butyldiphenylsilyl
TEMPO	:	2,2,6,6-Tetramethylpiperidinyloxy
Tf_2O	:	Triflic anhydride (Trifluoro acetic anhydride)
THF	:	Tetrahydrofuran
TLC	:	Thin layer chromatography
TOCSY	:	Total Correlation Spectroscopy
$TiCl_4$	:	Titanium tetra chloride
$Ti(O^{i}Pr)_4$	:	Titanium tetra isopropoxide
Ts	:	Tosyl (*p*-tolune sulphonyl)
Zn	:	Zinc
[α]	:	Optical rotation
δ	:	Delta (ppm)

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