Synthesis and applications of cell wall glycopolymer fragments from Staphilococci and Enterococci

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List of Abbreviations

Ac_2O	*Acetic anhydride*
AcCl	*Acetyl chloride*
ACN	*Acetonitrile*
AcOH	*Acetic acid*
AcSH	*Thioacetic acid*
AgOTf	*Silver trifluoromethanesulfonate*
Ala	*Alanine*
BAIB	*(Diacetoxyiodo)benzene*
Bn	*Benzyl*
bs	*broad singlet*
BSA	*Bovine serum albumine*
BSP	*1-Benzene-sulfonyl piperidine*
Bu	*Butyl*
CAN	*Ammonium Cerium(IV) Nitrate*
CPG	*Controlled pore glass*
CPs	*Capsular polysaccharides*
CSO	*(10-Camphorsulfonyl)oxaziridine*
d	*doublet*
DBU	*1,8-Diazabicyclo[5.4.0]undec-7-ene*
DCA	*Dichloroacetic acid*
DCC	*N,N'-Dicyclohexylcarbodiimide*
DCI	*4,5-Dicyanoimidazole*
DCM	*Dichloromethane*
DDQ	*2,3-Dichloro-5,6-dicyano-1,4-benzoquinone*
DIPEA	*N,N-Diisopropylethylamine*
DMAP	*4-Dimethylaminopyridine*
Me	*Methyl*
MeOH	*Methanol*
MP	*Methoxyphenyl*
MRSA	*Methicillin resistant S. aureus*
NaOMe	*Sodium methoxide*
Nap	*Naphthyl*
N-Cbz	*N-carboxybenzyl*
NIS	*N-Iodosuccinimide*
NMR	*Nuclear Magnetic Resonance*
OPA	*Opsonophagocytic assay*
OPIA	*Opsonophagocytic inhibition assay*
PBS	*Phosphate-buffered saline*
PMB	*p-Methoxybenzyl*
PNAG	*Poly-β(1-6)-N-acetylglucosamine*
PPh_3O	*Triphenylphosphine oxide*
Py	*Piridine*
quant.	*quantitative*
RboP	*Ribitolphosphate*
rEPA	*Replication initiation proteins*
s	*singlet*
Sbox	*S-Benzoxazolyl*
t	*triplet*
TBAB	*Tetrabutylammonium bromide*
TBAF	*Tetrabutylammonium fluoride*
TBAI	*Tetrabutylammonium iodide*
$TBAN_3$	*Tetrabutylammonium azide*

DMF	*Dimethylformamide*
DMTr	*4,4'-Dimethoxytrityl*
dPNAG	*Deacetylated PNAG*
DPS	*Diphenylsulfoxide*
EDCI	*1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide*
ELISA	*Enzyme-linked immunosorbent assay*
Et	*Ethyl*
TEA	*Triehtylamine*
EtOH	*Ethanol*
GalNAc	*N-acetyl-galactosamine*
GalNAcA	*N-acetyl-D-galacturonic acid*
GlcNAc	*N-acetyl-glucosamine*
GroP	*Glycerolphosphate*
Hla	*S.aureus alpha toxin*
Lev	*Levulinoyl*
LTA	*Lipoteichoic Acids*
m	*multiplet*
TBDMS	*tert-Butyldimethylsilyl*
TBDPS	*tert-Butyldiphenylsilyl*
TBSOTf	*tert-Butyldimethylsilyl trifluoromethanesulfonate*
t-BuOH	*tert-Butyl alcohol*
TCEP	*tris(2-carboxyethyl)phosphine hydrochloride*
TEMPO	*(2,2,6,6-Tetramethylpiperidin-1-yl)oxyl*
Tf_2O	*Trifluoromethanesulfonic anhydride*
TFA	*Trifluoroacetic acid*
TfOH	*Triflic acid*
THF	*Tetrahydrofuran*
TMSI	*Trimethylsilyl iodide*
TMSOTf	*Trimethylsilyl trifluoromethanesulfonate*
Troc	*2,2,2-Trichloroethoxycarbonyl chloride*
TT	*Tetanus Toxoid*
TTBP	*2,4,6-Tri-tert-butylphenol*
WHO	*World Health Organization*
WTA	*Wall Teichoic Acids*