Supporting Information

^1H and ^{13}C Spectra

Influence of the 4,6-*O*-benzylidene, 4,6-*O*-Phenylboronate, and 4,6-*O*-Polystyrylboronate Protecting Groups on the Stereochemical Outcome of Thioglycoside-Based Glycosylations Mediated by 1-Benzenesulfinyl Piperidine/Triflic Anhydride and *N*-Iodosuccinimide/Trimethylsilyl Triflate

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Table of Contents

Compound	Page
Ethyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate-1-thio- β -D-glucopyranoside (4).	S-17
Phenyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate-1-thio- β -D-galactopyranoside (8).	S-18
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- α -D-glucopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (14α).	S-19
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- β -D-glucopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (14β).	S-20
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -phenylboronate- α -D-glucopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (15α).	S-21
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -phenylboronate- β -D-glucopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (15β).	S-22
3 β -Cholestanyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- α -D-glucopyranoside (17α).	S-23
3 β -Cholestanyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- β -D-glucopyranoside (17β).	S-24
1-Adamantyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- α -D-glucopyranoside (19α).	S-25
1-Adamantyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- β -D-glucopyranoside (19β).	S-26
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- α -D-galactopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (20α).	S-27
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- β -D-galactopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (20β).	S-28
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -phenylboronate- α -D-galactopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (21α).	S-29

Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -phenylboronate- β -D-galactopyranosyl)-2,3- <i>O</i> -isopropylidene- α -L-rhamnopyranoside (21β).	S-30
1-Adamantanyl 2,3 di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- α -D-galactopyranoside (22α).	S-31
1-Adamantanyl 2,3 di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- β -D-galactopyranoside (22β).	S-32
1-Adamantyl-2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- α -D-galactopyranoside (23α).	S-33
1-Adamantyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -phenylboronate- β -D-galactopyranoside (23β).	S-34
1-Adamantyl 2,3-di- <i>O</i> -benzyl- α -D-galactopyranoside (24α).	S-35
1-Adamantyl 2,3-di- <i>O</i> -benzyl- β -D-galactopyranoside (24β).	S-36
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- α -D-galactopyranosyl)-2,3,6-tri- <i>O</i> -benzyl- α -D-glucopyranoside (26α).	S-37
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl- α -D-galactopyranosyl)-(2,3,6-tri- <i>O</i> -benzyl)- α -D-glucopyranoside (27α).	S-38
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl- α -D-galactopyranosyl)-3- <i>O</i> -benzyl-4,6-benzylidene- α -D-galactopyranoside (29α).	S-39
3 β -Cholestanyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- α -D-galactopyranoside (30α).	S-40
3 β -Cholestanyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- β -D-galactopyranoside (30β).	S-41
Cyclohexyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- α -D-galactopyranoside (31α).	S-42
Cyclohexyl 2,3-di- <i>O</i> -benzyl-4,6- <i>O</i> -benzylidene- β -D-galactopyranoside (31β).	S-43
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- α -D-galactopyranosyl)-2,3,4-tri- <i>O</i> -benzyl- α -D-glucopyranoside (33α).	S-44
Methyl 4- <i>O</i> -(2',3'-di- <i>O</i> -benzyl-4',6'- <i>O</i> -benzylidene- β -D-galactopyranosyl)-2,3,4-tri- <i>O</i> -benzyl- α -D-glucopyranoside (33β).	S-45

Compound (4)

Compound (8)

Compound (14 α)

Compound (14 β)

Compound (15 α)

Compound (15 β)

Compound (17 α)

**Compound
(17 β)**

Compound (19 α)

Compound (19 β)

Compound (20a).

Compound (20 β).

Compound (21 α)

Compound (21 β)

Compound(22a)

Compound(22 β)

Compound (23 α)

Compound (23 β)

Compound (24 α)

Compound (24 β)

Compound (26a)

Compound (27 α)

Compound (29 α)

Compound (30 α)

Compound (30 β)

Compound (31a)

Compound (31 β)

Compound (33a)

Compound (33 β)