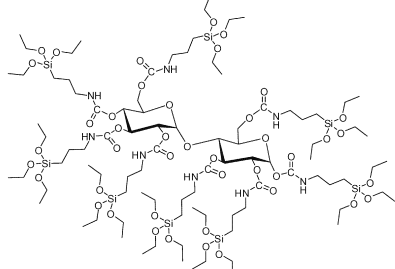


Stereochemistry abstracts

Orit Cohen, Raed Abu-Reziq*, Dmitri Gelman*

Tetrahedron: Asymmetry 28 (2017) 1675



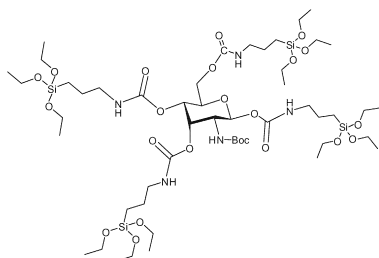
$[\alpha]_{589}^{20} = +23$ (c 10, THF)

$C_{92}H_{190}N_8O_{43}Si_8$

d-Maltose-silane precursor

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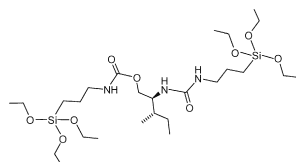
$[\alpha]_{589}^{20} = +13$ (c 10, THF)

$C_{51}H_{105}N_5O_{23}Si_4$

N-Boc-D-glucosamine silane precursor

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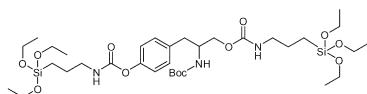
$[\alpha]_{589}^{20} = -13$ (c 10, THF)

$C_{26}H_{57}N_3O_9Si_2$

L-Isoleucinol-silane precursor

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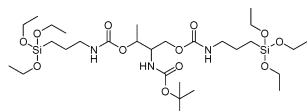
$[\alpha]_{589}^{20} = -0.9$ (c 10, THF)

$C_{34}H_{63}N_3O_{12}Si_2$

N-Boc-L-tyrosinol-silane precursor

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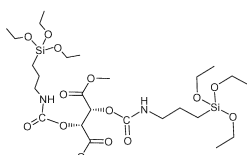
$[\alpha]_{589}^{20} = +0.6$ (c 10, THF)

C₂₉H₆₁N₃O₁₂Si₂

N-Boc-L-threoninol- silane precursor

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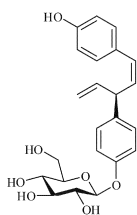
$[\alpha]_{589}^{20} = -10$ (c 9.6, THF)

C₂₆H₅₂N₂O₁₄Si₂

Dimethyl-L-tartrate-silane precursor

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C₂₃H₂₆O₇

(3S)-4''-O-β-D-Glucopyranosylnyasol

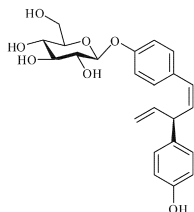
$[\alpha]_D^{20} = +119.0$ (c 0.03, MeOH)

Source of chirality: natural product from *Cephalotaxus oliveri*

Absolute configuration: (3S,1''S,2''R,3''S,4''S,5''R)

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C₂₃H₂₆O₇

(3S)-4'-O-β-D-Glucopyranosylnyasol

$[\alpha]_D^{20} = +95.0$ (c 0.1, MeOH)

Source of chirality: natural product from *Cephalotaxus oliveri*

Absolute configuration: (3S,1''S,2''R,3''S,4''S, 5''R)

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