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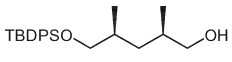
Tetrahedron: Asymmetry *26 (2015) 885*



$[\alpha]_D^{25}$ = +1.75 (*c* 0.25, $CHCl_3$)
Source of chirality: Oxidative kinetic resolution
Absolute configuration: (2*R*,4*S*)

$C_{23}H_{34}O_2Si$
(2*R*,4*S*)-5-(*tert*-Butyldiphenylsilyl)oxy)-2,4-dimethylpental-1-ol

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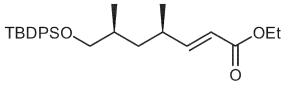

$[\alpha]_D^{25}$ = +25.5 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (4*R*,6*S*,*E*)

$C_{27}H_{38}O_3Si$
(4*R*,6*S*,*E*)-Ethyl 7-((*tert*-butyldiphenylsilyl)oxy)-4,6-dimethylhept-2-enoate

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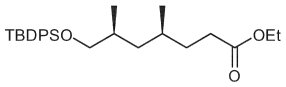

$[\alpha]_D^{25}$ = +5.4 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (4*S*,6*S*)

$C_{27}H_{40}O_3Si$
(4*S*,6*S*)-Ethyl 7-((*tert*-butyldiphenylsilyl)oxy)-4,6-dimethylheptanoate

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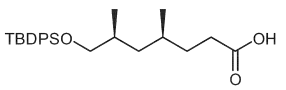

$[\alpha]_D^{25}$ = +8.0 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (4*S*,6*S*)

$C_{25}H_{36}O_3Si$
(4*S*,6*S*)-7-((*tert*-Butyldiphenylsilyl)oxy)-4,6-dimethylheptanoic acid

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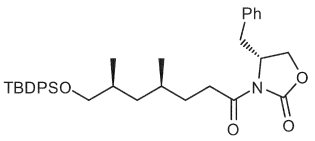

$[\alpha]_D^{25}$ = +40.0 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (*R*) (4*S*,6*S*)

$C_{35}H_{45}NO_4Si$

(*R*)-4-Benzyl-3-((4*S*,6*S*)-7-((*tert*-butyldiphenylsilyl)oxy)-4,6-dimethylheptanoyl)oxazolidin-2-one

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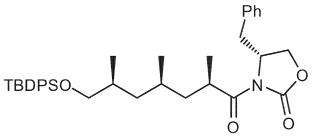

$[\alpha]_D^{25}$ = +42.8 (*c* 1.0, $CHCl_3$)
Source of chirality: Evans asymmetric alkylation
Absolute configuration: (*R*) (2*R*,4*R*,6*S*)

$C_{34}H_{45}NO_4Si$

(*R*)-4-Benzyl-3-((2*R*,4*R*,6*S*)-7-((*tert*-butyldiphenylsilyl)oxy)-2,4,6-trimethyl heptanoyl)oxazolidin-2-one

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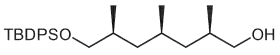

$[\alpha]_D^{25}$ = −6.0 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (2*R*,4*S*,6*S*)

$C_{26}H_{40}O_2Si$

(2*R*,4*S*,6*S*)-7-((*tert*-Butyldiphenylsilyl)oxy)-2,4,6-trimethylheptan-1-ol

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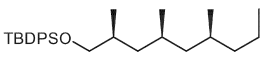

$[\alpha]_D^{25}$ = −7.0 (*c* 1.0, $CHCl_3$)
Source of chirality: Asymmetric synthesis
Absolute configuration: (2*S*,4*S*,6*S*)

$C_{28}H_{44}OSi$

tert-Butyldiphenyl(((2*S*,4*S*,6*S*)-2,4,6-trimethylnonyl)oxy)silane