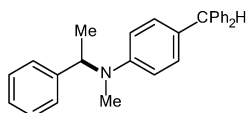


Stereochemistry abstracts

Agnieszka Janiak*, Jacek Ściebura, Wioletta Bendzińska-Berus, Jakub Grajewski, Urszula Rychlewska, Jacek Gawroński*

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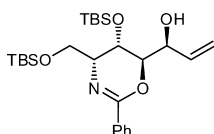
$C_{28}H_{27}N$

(*R*)-4-Benzhydryl-*N*-methyl-*N*-(α -phenylethyl)-aniline

$[\alpha]_D^{23} = +180$ (c 0.15, CH_2Cl_2)
Absolute configuration: (*R*)

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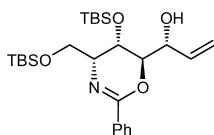
$C_{26}H_{45}NO_4Si_2$

(*S*)-1-((4*R*,5*S*,6*R*)-5-((*tert*-Butyldimethylsilyl)oxy)-4-(((*tert*-butyldimethylsilyl)oxy)methyl)-2-phenyl-5,6-dihydro-4*H*-1,3-oxazin-6-yl)prop-2-en-1-ol

$[\alpha]_D^{25} = +16.1$ (c 0.5, $CHCl_3$)
Source of chirality: From *D*-serine and asymmetric synthesis
Absolute configuration: (*S*)-1-(4*R*,5*S*,6*R*)

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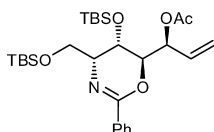
$C_{26}H_{45}NO_4Si_2$

(*R*)-1-((4*R*,5*S*,6*R*)-5-((*tert*-Butyldimethylsilyl)oxy)-4-(((*tert*-butyldimethylsilyl)oxy)methyl)-2-phenyl-5,6-dihydro-4*H*-1,3-oxazin-6-yl)prop-2-en-1-ol

$[\alpha]_D^{25} = +29.1$ (c 0.23, $CHCl_3$)
Source of chirality: From *D*-serine and asymmetric synthesis
Absolute configuration: (*R*)-1-(4*R*,5*S*,6*R*)

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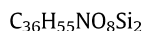
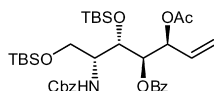
$C_{28}H_{47}NO_5Si_2$

(*S*)-1-((4*R*,5*S*,6*R*)-5-((*tert*-Butyldimethylsilyl)oxy)-4-(((*tert*-butyldimethylsilyl)oxy)methyl)-2-phenyl-5,6-dihydro-4*H*-1,3-oxazin-6-yl)allyl acetate

$[\alpha]_D^{25} = +35.4$ (c 0.6, $CHCl_3$)
Source of chirality: From *D*-serine and asymmetric synthesis
Absolute configuration: (*S*)-1-(4*R*,5*S*,6*R*)

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(3S,4R,5S,6R)-3-Acetoxy-6-(((benzyloxy)carbonyl)amino)-5,7-bis((*tert*-butyldimethylsilyl)oxy)hept-1-en-4-yl benzoate

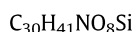
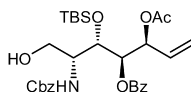
$$[\alpha]_{\text{D}}^{25} = -2.6 \text{ (c 0.6, CHCl}_3\text{)}$$

Source of chirality: From D-serine and asymmetric synthesis

Absolute configuration: (3S,4R,5S,6R)

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(3S,4R,5S,6R)-3-Acetoxy-6-(((benzyloxy)carbonyl)amino)-5-((*tert*-butyldimethylsilyl)oxy)-7-hydroxyhept-1-en-4-yl benzoate

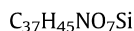
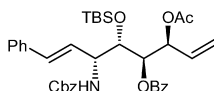
$$[\alpha]_{\text{D}}^{25} = -100.0 \text{ (c 0.3, CHCl}_3\text{)}$$

Source of chirality: From D-serine and asymmetric synthesis

Absolute configuration: (3S,4R,5S,6R)

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(3S,4R,5S,6R,E)-3-Acetoxy-6-(((benzyloxy)carbonyl)amino)-5-((*tert*-butyldimethylsilyl)oxy)-8-phenylocta-1,7-dien-4-yl benzoate

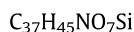
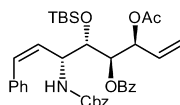
$$[\alpha]_{\text{D}}^{25} = -15.1 \text{ (c 0.6, CHCl}_3\text{)}$$

Source of chirality: From D-serine and asymmetric synthesis

Absolute configuration: (3S,4R,5S,6R)

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(3S,4R,5S,6R,Z)-3-Acetoxy-6-(((benzyloxy)carbonyl)amino)-5-((*tert*-butyldimethylsilyl)oxy)-8-phenylocta-1,7-dien-4-yl benzoate

$$[\alpha]_{\text{D}}^{25} = +67.1 \text{ (c 0.8, CHCl}_3\text{)}$$

Source of chirality: From D-serine and asymmetric synthesis

Absolute configuration: (3S,4R,5S,6R)

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