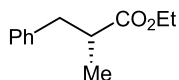


Stereochemistry abstracts

Duncan J. Shermer, Paul A. Slatford, Dean D. Edney and Jonathan M. J. Williams*

Tetrahedron: Asymmetry 18 (2007) 2845



$C_{12}H_{16}O_2$

(*R*)-Ethyl 2-methyl-3-phenylpropionate

Ee = 87%

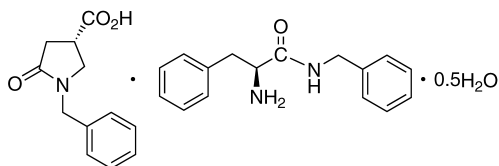
$[\alpha]_D^{21} = -13.7$ (c 2.85, EtOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (*R*)

Masao Morimoto,* Atsushi Yamakawa, Hiroshi Katagiri and Kenichi Sakai*

Tetrahedron: Asymmetry 18 (2007) 2869



$C_{28}H_{32}N_3O_{4.5}/0.5H_2O$

(*S*)-1-Benzyl-5-oxo-3-pyrrolidinecarboxylic acid/(*S*)-phenylalaninebenzylamide/hemihydrate

De 99%

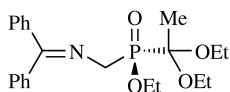
$[\alpha]_D^{22} = +20.9$ (c 10.0, MeOH)

Source of chirality: resolution

Absolute configuration: (*S,S*)

Terumitsu Haruki, Takehiro Yamagishi and Tsutomu Yokomatsu*

Tetrahedron: Asymmetry 18 (2007) 2886



$C_{22}H_{30}NO_4P$

(*S_P*)-Ethyl 1,1-diethoxyethyl[(diphenylmethylene)amino]methyl phosphinate

Ee > 99%

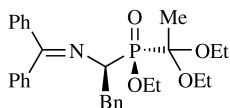
$[\alpha]_D^{24} = +16.6$ (c 0.6, $CHCl_3$)

Source of chirality: (*S*)-phenylethylamine

Absolute configuration: (*S_P*)

Terumitsu Haruki, Takehiro Yamagishi and Tsutomu Yokomatsu*

Tetrahedron: Asymmetry 18 (2007) 2886



$C_{29}H_{36}NO_4P$

(*1S,S_P*)-Ethyl 1,1-diethoxyethyl{1-[(diphenylmethylene)amino]-2-phenylethyl} phosphinate

Ee > 99%

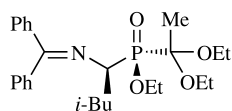
$[\alpha]_D^{24} = +83.5$ (c 0.1, $CHCl_3$)

Source of chirality: (*S*)-phenylethylamine

Absolute configuration: (*1S,S_P*)

Terumitsu Haruki, Takehiro Yamagishi and Tsutomu Yokomatsu*

Tetrahedron: Asymmetry 18 (2007) 2886



$C_{26}H_{38}NO_4P$

(1*S*,*S*_P)-Ethyl 1,1-diethoxyethyl{1-[(diphenylmethylene)amino]-3-methylbutyl}phosphinate

Ee >99%

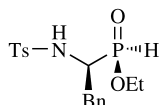
$[\alpha]_D^{24} = -13.8$ (*c* 0.2, CHCl₃)

Source of chirality: (*S*)-phenylethylamine

Absolute configuration: (1*S*,*S*_P)

Terumitsu Haruki, Takehiro Yamagishi and Tsutomu Yokomatsu*

Tetrahedron: Asymmetry 18 (2007) 2886



$C_{17}H_{22}NO_4PS$

(1*S*,*R*_P)-Ethyl 1-[[[4-methylphenyl)sulfonyl]amino]-2-phenylethylphosphinate

Ee >99%

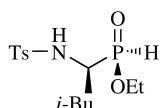
$[\alpha]_D^{24} = +69.2$ (*c* 0.08, CHCl₃)

Source of chirality: (*S*)-phenylethylamine

Absolute configuration: (1*S*,*R*_P)

Terumitsu Haruki, Takehiro Yamagishi and Tsutomu Yokomatsu*

Tetrahedron: Asymmetry 18 (2007) 2886



$C_{14}H_{24}NO_4PS$

(1*S*,*R*_P)-Ethyl 1-[[[4-methylphenyl)sulfonyl]amino]-3-methylbutylphosphinate

Ee >99%

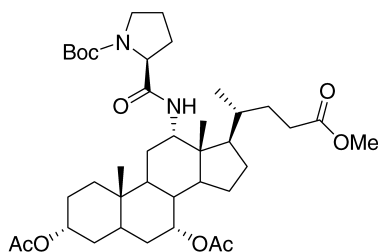
$[\alpha]_D^{24} = +50.5$ (*c* 0.16, CHCl₃)

Source of chirality: (*S*)-phenylethylamine

Absolute configuration: (1*S*,*R*_P)

Gian Luigi Puleo and Anna Iuliano*

Tetrahedron: Asymmetry 18 (2007) 2894



$C_{39}H_{62}N_2O_9$

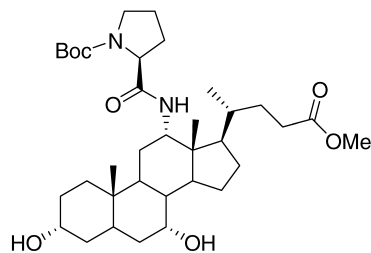
Methyl-3,7-diacetyloxy-12-*N*-(*L*-Boc-prolinoyl)amino-5-cholan-24-oate

$[\alpha]_D^{22} = +28.3$ (*c* 1.00, CH₂Cl₂)

Source of chirality: natural source

Gian Luigi Puleo and Anna Iuliano*

Tetrahedron: Asymmetry 18 (2007) 2894



$C_{35}H_{58}N_2O_7$

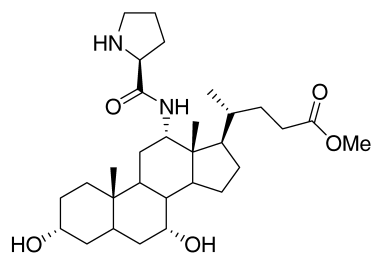
Methyl-3,7-dihydroxy-12-*N*-(*L*-Boc-prolinoyl)amino-5-cholan-24-oate

$[\alpha]_D^{22} = +15.3$ (*c* 1.00, CH_2Cl_2)

Source of chirality: natural source

Gian Luigi Puleo and Anna Iuliano*

Tetrahedron: Asymmetry 18 (2007) 2894



$C_{30}H_{50}N_2O_5$

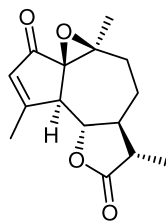
Methyl-3,7-dihydroxy-12-*N*-(*L*-prolinoyl)amino-5-cholan-24-oate

$[\alpha]_D^{22} = +28.3$ (*c* 1.00, CH_2Cl_2)

Source of chirality: natural source

Zahid Hassan, Hidayat Hussain, Viqar Uddin Ahmad, Shazia Anjum, Gennaro Pescitelli, Tibor Kurtán and Karsten Krohn*

Tetrahedron: Asymmetry 18 (2007) 2905



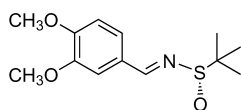
$C_{15}H_{18}O_4$

1 β ,10 β -Epoxydesacetoxymatricarin

$[\alpha]_D^{20} = +26.0$ (*c* 0.16, CH_2Cl_2)

Agnieszka Grajewska and Maria D. Rozwadowska*

Tetrahedron: Asymmetry 18 (2007) 2910



$C_{13}H_{19}NO_3S$

(*S*)-(+)-*N*-(3,4-Dimethoxybenzylidene)-2-methylpropanesulfinamide

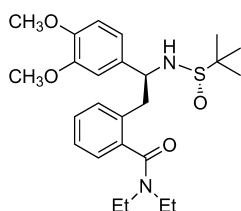
$[\alpha]_D = +19.8$ (*c* 0.57, CH_2Cl_2)

Source of chirality: (*S*)-*tert*-butanesulfinamide

Absolute configuration: (*S*)

Agnieszka Grajewska and Maria D. Rozwadowska*

Tetrahedron: Asymmetry 18 (2007) 2910



$C_{25}H_{36}N_2O_4S$

(*S,S*)-(-)-*N*-[1-(3,4-Dimethoxyphenyl)-2-(2-*N,N*-diethylbenzamide)ethyl]-2-methylpropanesulfonamide

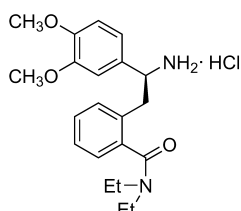
$[\alpha]_D = -18.3$ (*c* 0.95, MeOH)

Source of chirality: (*S*)-*tert*-butanesulfonamide

Absolute configuration: (*S,S*)

Agnieszka Grajewska and Maria D. Rozwadowska*

Tetrahedron: Asymmetry 18 (2007) 2910



$C_{21}H_{29}ClN_2O_3$

(*S*)-(+)-*N,N*-Diethyl-2-[2-amino-2-(3,4-dimethoxyphenyl)ethyl]benzamide hydrochloride

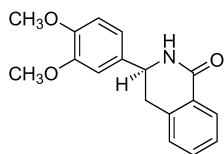
$[\alpha]_D = +36.6$ (*c* 1.14, EtOH)

Source of chirality: (*S*)-*tert*-butanesulfonamide

Absolute configuration: (*S*)

Agnieszka Grajewska and Maria D. Rozwadowska*

Tetrahedron: Asymmetry 18 (2007) 2910



$C_{17}H_{17}NO_3$

(*S*)-(-)-3-(3,4-Dimethoxyphenyl)-1,2,3,4-tetrahydroisoquinoline

Ee = 72%

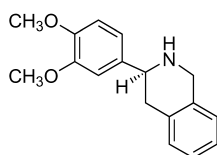
$[\alpha]_D = -76.2$ (*c* 0.28, MeOH)

Source of chirality: (*S*)-*tert*-butanesulfonamide

Absolute configuration: (*S*)

Agnieszka Grajewska and Maria D. Rozwadowska*

Tetrahedron: Asymmetry 18 (2007) 2910



$C_{17}H_{19}NO_2$

(*S*)-(-)-3-(3,4-Dimethoxyphenyl)-1,2,3,4-tetrahydroisoquinoline

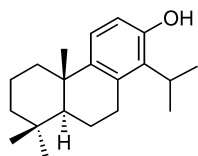
$[\alpha]_D = -83.0$ (*c* 1.17, CH_2Cl_2)

Source of chirality: (*S*)-*tert*-butanesulfonamide

Absolute configuration: (*S*)

Takahiro Miyake, Hideo Kigoshi and Hiroyuki Akita*

Tetrahedron: Asymmetry 18 (2007) 2915



$C_{20}H_{30}O$

(+)-Totarol

Ee = >99%

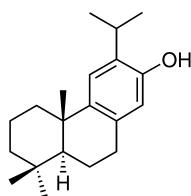
$[\alpha]_D^{27} = +41.9$ (c 1.0, $CHCl_3$)

Source of chirality: lipase

Absolute configuration: (5*S*,10*S*)

Takahiro Miyake, Hideo Kigoshi and Hiroyuki Akita*

Tetrahedron: Asymmetry 18 (2007) 2915



$C_{20}H_{30}O$

(+)-Sempervirol

Ee = >99%

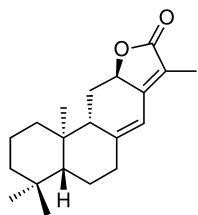
$[\alpha]_D^{23} = +54.2$ (c 1.0, $CHCl_3$)

Source of chirality: lipase

Absolute configuration: (5*S*,10*S*)

Takahiro Miyake, Hideo Kigoshi and Hiroyuki Akita*

Tetrahedron: Asymmetry 18 (2007) 2915



$C_{20}H_{28}O_2$

(+)-Jolkinolide E

Ee = >99%

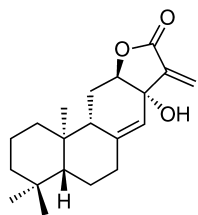
$[\alpha]_D^{21} = +337$ (c 0.6, $CHCl_3$)

Source of chirality: lipase

Absolute configuration: (5*R*,9*S*,10*R*,12*R*)

Takahiro Miyake, Hideo Kigoshi and Hiroyuki Akita*

Tetrahedron: Asymmetry 18 (2007) 2915



$C_{20}H_{28}O_3$

(+)-Jolkinolide D

Ee = >99%

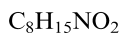
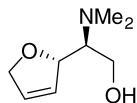
$[\alpha]_D^{21} = +301$ (c 0.5, $CHCl_3$)

Source of chirality: lipase

Absolute configuration: (5*R*,9*S*,10*R*,12*R*,13*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(S)-2-[(S)-2,5-Dihydrofuran-2-yl]-2-(dimethylamino)-ethanol

Ee = 100%

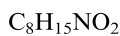
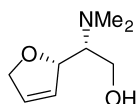
$[\alpha]_{\text{D}}^{21} = -114.8$ (c 1.70, CHCl_3)

Source of chirality: D-mannitol

Absolute configuration: (S,S)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(R)-2-[(S)-2,5-Dihydrofuran-2-yl]-2-(dimethylamino)-ethanol

Ee = 100%

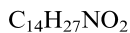
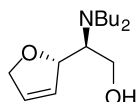
$[\alpha]_{\text{D}}^{21} = -92.7$ (c 1.56, CHCl_3)

Source of chirality: D-sorbitol

Absolute configuration: (R,S)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(S)-2-(Dibutylamino)-2-[(S)-2,5-dihydrofuran-2-yl]ethanol

Ee = 100%

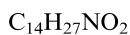
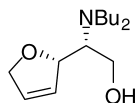
$[\alpha]_{\text{D}}^{24} = -135.5$ (c 1.04, CHCl_3)

Source of chirality: D-sorbitol

Absolute configuration: (S,S)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(R)-2-(Dibutylamino)-2-[(S)-2,5-dihydrofuran-2-yl]ethanol

Ee = 100%

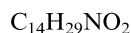
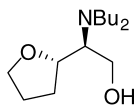
$[\alpha]_{\text{D}}^{24} = -35.5$ (c 1.04, CHCl_3)

Source of chirality: D-sorbitol

Absolute configuration: (R,S)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*S*)-2-Amino-2-[(*S*)-tetrahydrofuran-2-yl]ethanol

Ee = 100%

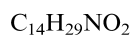
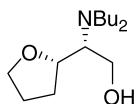
$[\alpha]_D^{20} = -51.4$ (*c* 2.54, $CHCl_3$)

Source of chirality: D-sorbitol

Absolute configuration: (*S,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dibutylamino)-2-[(*S*)-tetrahydrofuran-2-yl]ethanol

Ee = 100%

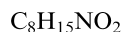
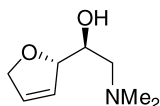
$[\alpha]_D^{19} = +17.4$ (*c* 1.93, $CHCl_3$)

Source of chirality: D-sorbitol

Absolute configuration: (*R,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*S*)-1-[(*S*)-2,5-Dihydrofuran-2-yl]-2-(dimethylamino)ethanol

Ee = 100%

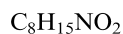
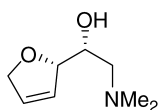
$[\alpha]_D^{20} = -146.9$ (*c* 1.46, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*S,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-1-[(*S*)-2,5-Dihydrofuran-2-yl]-2-(dimethylamino)ethanol

Ee = 100%

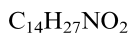
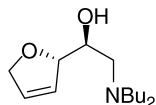
$[\alpha]_D^{23} = -83.0$ (*c* 1.05, $CHCl_3$)

Source of chirality: D-sorbitol

Absolute configuration: (*R,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*S*)-2-(Dibutylamino)-1-[(*S*)-2,5-dihydrofuran-2-yl]ethanol

Ee = 100%

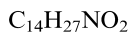
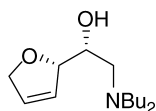
$[\alpha]_D^{24} = -148.8$ (*c* 1.68, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*S,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dibutylamino)-1-[(*S*)-2,5-dihydrofuran-2-yl]ethanol

Ee = 100%

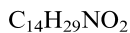
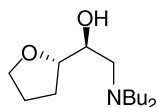
$[\alpha]_D^{22} = -16.1$ (*c* 1.72, $CHCl_3$)

Source of chirality: D-sorbitol

Absolute configuration: (*R,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*S*)-2-(Dibutylamino)-1-[(*S*)-tetrahydrofuran-2-yl]ethanol

Ee = 100%

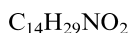
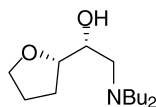
$[\alpha]_D^{24} = -55.4$ (*c* 1.36, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*S,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dibutylamino)-1-[(*S*)-tetrahydrofuran-2-yl]ethanol

Ee = 100%

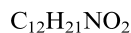
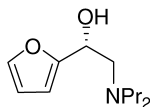
$[\alpha]_D^{23} = +68.0$ (*c* 1.21, $CHCl_3$)

Source of chirality: D-sorbitol

Absolute configuration: (*R,S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dipropylamino)-1-(furan-2-yl)ethanol

Ee = 100%

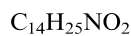
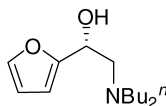
$[\alpha]_D^{21} = +95.3$ (*c* 1.29, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dibutylamino)-1-(furan-2-yl)ethanol

Ee = 100%

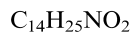
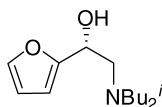
$[\alpha]_D^{24} = +82.1$ (*c* 1.07, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Di-*iso*-butylamino)-1-(furan-2-yl)ethanol

Ee = 100%

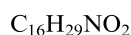
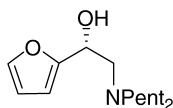
$[\alpha]_D^{22} = +128.6$ (*c* 1.2, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dipentylamino)-1-(furan-2-yl)ethanol

Ee = 100%

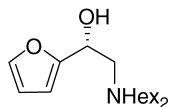
$[\alpha]_D^{23} = +78.4$ (*c* 1.15, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{18}H_{33}NO_2$

(*R*)-2-(Dihexylamino)-1-(furan-2-yl)ethanol

Ee = 100%

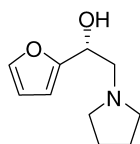
$[\alpha]_D^{21} = +71.0$ (*c* 1.06, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{10}H_{15}NO_2$

(*R*)-1-(Furan-2-yl)-2-(pyrrolidin-1-yl)ethanol

Ee = 100%

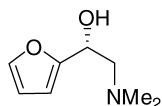
$[\alpha]_D^{19} = +35.8$ (*c* 0.6, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_8H_{10}NO_2$

(*R*)-2-(Dimethylamino)-1-(furan-2-yl)ethanol

Ee = 100%

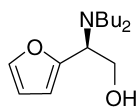
$[\alpha]_D^{21} = +44.4$ (*c* 1.05, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{14}H_{25}NO_2$

(*S*)-2-(Dibutylamino)-2-(furan-2-yl)ethanol

Ee = 100%

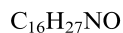
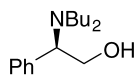
$[\alpha]_D^{25} = -84.0$ (*c* 1.02, $CHCl_3$)

Source of chirality: D-mannitol

Absolute configuration: (*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*R*)-2-(Dibutylamino)-2-phenylethanol

Ee $\geq$ 99%

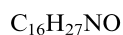
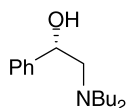
$[\alpha]_{\text{D}}^{24} = -64.4$ (*c* 1.30, CHCl_3)

Source of chirality: (*R*)-(-)-2-phenylglycinol Ee = 99%

Absolute configuration: (*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(*S*)-2-(Dibutylamino)-1-phenylethanol

Ee = 98%

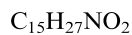
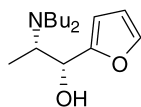
$[\alpha]_{\text{D}}^{22} = +103.9$ (*c* 1.05, CHCl_3)

Source of chirality: (*S*)-(-)-2-phenyloxirane Ee = 98%

Absolute configuration: (*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(1*R*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)propan-1-ol

Ee > 99%

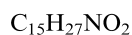
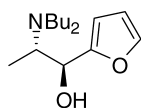
$[\alpha]_{\text{D}}^{21} = +15.0$ (*c* 0.4, CHCl_3)

Source of chirality: L-alanine Ee = 99%

Absolute configuration: (1*R*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(1*S*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)propan-1-ol

Ee $\geq$ 99%

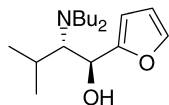
$[\alpha]_{\text{D}}^{22} = +31.9$ (*c* 1.22, CHCl_3)

Source of chirality: L-alanine Ee = 99%

Absolute configuration: (1*S*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{17}H_{31}NO_2$

(1*S*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)-3-methylbutan-1-ol

Ee $\geq$ 98%

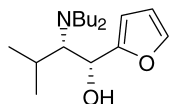
$[\alpha]_D^{21} = -25.1$ (*c* 1.6, $CHCl_3$)

Source of chirality: L-valine Ee $\geq$ 99%

Absolute configuration: (1*S*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{17}H_{31}NO_2$

(1*R*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)-3-methylbutan-1-ol

Ee $\geq$ 99%

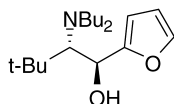
$[\alpha]_D^{21} = +47.3$ (*c* 1.0, $CHCl_3$)

Source of chirality: L-valine Ee = 99%

Absolute configuration: (1*R*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{18}H_{33}NO_2$

(1*S*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)-3,3-dimethylbutan-1-ol

Ee $\geq$ 99%

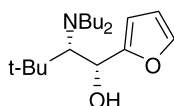
$[\alpha]_D^{23} = -1.2$ (*c* 2.9, $CHCl_3$)

Source of chirality: L-*tert*-leucine Ee = 99%

Absolute configuration: (1*S*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



$C_{18}H_{33}NO_2$

(1*R*,2*S*)-2-(Dibutylamino)-1-(furan-2-yl)-3,3-dimethylbutan-1-ol

Ee $\geq$ 99%

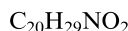
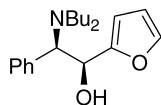
$[\alpha]_D^{24} = +40.6$ (*c* 2.9, $CHCl_3$)

Source of chirality: L-*tert*-leucine Ee = 99%

Absolute configuration: (1*R*,2*S*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(1*S*,2*R*)-2-(Dibutylamino)-1-(furan-2-yl)-2-phenylethanol

Ee $\geq$ 99%

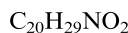
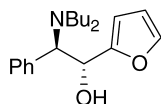
$[\alpha]_D^{24} = -13.0$ (*c* 1.0, CHCl₃)

Source of chirality: (*R*)-(-)-2-phenylglycinol Ee = 99%

Absolute configuration: (1*S*,2*R*)

Claudio Paolucci* and Goffredo Rosini*

Tetrahedron: Asymmetry 18 (2007) 2923



(1*R*,2*R*)-2-(Dibutylamino)-1-(furan-2-yl)-2-phenylethanol

Ee $\geq$ 99%

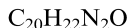
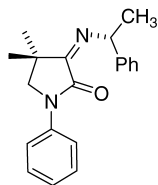
$[\alpha]_D^{24} = +3.3$ (*c* 1.4, CHCl₃)

Source of chirality: (*R*)-(-)-2-phenylglycinol Ee = 99%

Absolute configuration: (1*R*,2*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)imino]pyrrolidin-2-one

Ee = $\geq$ 97%

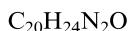
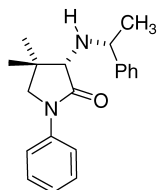
$[\alpha]_D^{20} = +159$ (*c* 0.57, CH₂Cl₂)

Source of chirality: (*R*)-1-phenylethylamine

Absolute configuration: (*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(3*S*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)amino]pyrrolidin-2-one

Ee = $\geq$ 97%

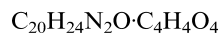
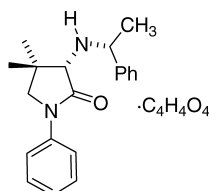
$[\alpha]_D^{25} = -57.2$ (*c* 1.2, CH₂Cl₂)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*S*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(3*S*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)amino]pyrrolidin-2-one monomaleate

Ee = $\geq$ 97%

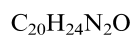
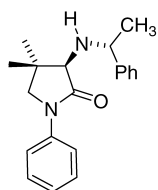
$[\alpha]_D^{20} = -21$ (*c* 0.61, EtOH)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*S*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(3*R*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)amino]pyrrolidin-2-one

Ee = $\geq$ 97%

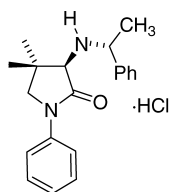
$[\alpha]_D^{25} = +128$ (*c* 1.3, CH₂Cl₂)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*R*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(3*R*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)amino]pyrrolidin-2-one hydrochloride

Ee = $\geq$ 97%

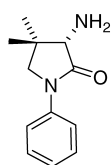
$[\alpha]_D^{20} = +126$ (*c* 0.51, MeOH)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*R*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(*S*)-3-Amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Ee = $\geq$ 97%

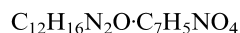
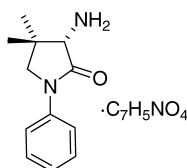
$[\alpha]_D^{24} = -24.5$ (*c* 1.1, CH₂Cl₂)

Source of chirality: asymmetric synthesis

Absolute configuration: (*S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(S)-3-Amino-4,4-dimethyl-1-phenylpyrrolidin-2-one *p*-nitrobenzoate

Ee = $\geq 97\%$

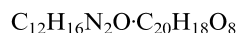
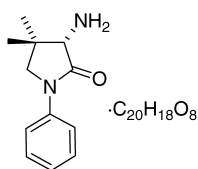
$[\alpha]_D^{25} = -15$ (c 0.51, MeOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (S)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(S)-3-Amino-4,4-dimethyl-1-phenylpyrrolidin-2-one mono-*O,O*-di-*p*-toluoyl-L-tartrate

Ee = $\geq 97\%$

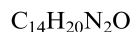
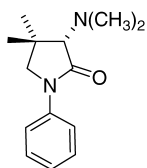
$[\alpha]_D^{24} = -99.8$ (c 1.17, MeOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (S)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(S)-3-(Dimethylamino)-4,4-dimethyl-1-phenylpyrrolidin-2-one

Ee = $\geq 97\%$

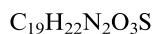
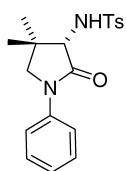
$[\alpha]_D^{20} = -35$ (c 0.61, CH₂Cl₂)

Source of chirality: (S)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (S)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(S)-4,4-Dimethyl-1-phenyl-3-(*p*-toluenesulfonylamino)pyrrolidin-2-one

Ee = $\geq 97\%$

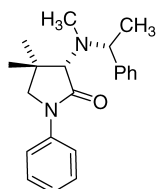
$[\alpha]_D^{20} = -6$ (c 0.51, CH₂Cl₂)

Source of chirality: (S)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (S)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



$C_{21}H_{26}N_2O$

(3*S*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)methylamino]pyrrolidin-2-one

Ee = $\geq$ 97%

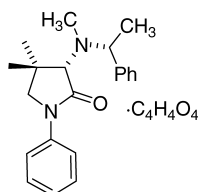
$[\alpha]_D^{25} = -74.8$ (*c* 1.1, CH_2Cl_2)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*S*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



$C_{21}H_{26}N_2O \cdot C_4H_4O_4$

(3*S*,1'*R*)-4,4-Dimethyl-1-phenyl-3-[(1-phenylethyl)methylamino]pyrrolidin-2-one monomaleate

Ee = $\geq$ 97%

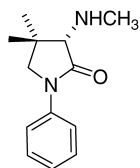
$[\alpha]_D^{20} = -24$ (*c* 0.55, CH_2Cl_2)

Source of chirality: asymmetric synthesis and (*R*)-1-phenylethylamine

Absolute configuration: (3*S*,1'*R*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



$C_{13}H_{18}N_2O$

(*S*)-4,4-Dimethyl-3-methylamino-1-phenylpyrrolidin-2-one

Ee = $\geq$ 97%

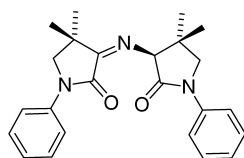
$[\alpha]_D^{20} = -35$ (*c* 0.59, CH_2Cl_2)

Source of chirality: asymmetric synthesis

Absolute configuration: (*S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



$C_{24}H_{27}N_3O_2$

(*S*)-3-[(4,4-Dimethyl-2-oxo-1-phenylpyrrolidin-3-yl)imino]-4,4-dimethyl-1-phenylpyrrolidin-2-one

Ee = $\geq$ 97%

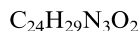
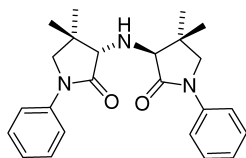
$[\alpha]_D^{25} = -187$ (*c* 0.50, CH_2Cl_2)

Source of chirality: (*S*)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (*S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(*S,S*)-Bis(4,4-dimethyl-2-oxo-1-phenylpyrrolidin-3-yl)amine

$E_e = \geq 97\%$

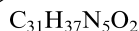
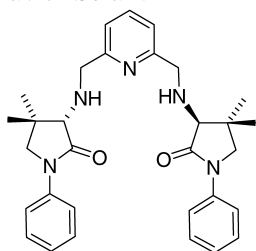
$[\alpha]_D^{25} = -53$ (*c* 0.51, CH_2Cl_2)

Source of chirality: (*S*)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (*S,S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(*S,S*)-2,6-Bis[(4,4-dimethyl-2-oxo-1-phenylpyrrolidin-3-yl)aminomethyl]pyridine

$E_e = \geq 97\%$

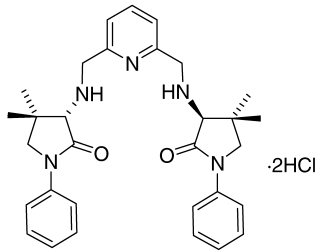
$[\alpha]_D^{22} = -41.2$ (*c* 0.45, CH_2Cl_2)

Source of chirality: (*S*)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (*S,S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



(*S,S*)-2,6-Bis[(4,4-dimethyl-2-oxo-1-phenylpyrrolidin-3-yl)aminomethyl]pyridine dihydrochloride

$E_e = \geq 97\%$

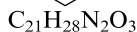
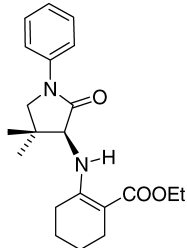
$[\alpha]_D^{22} = -87.2$ (*c* 0.51, MeOH)

Source of chirality: (*S*)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (*S,S*)

Pelayo Camps,* Diego Muñoz-Torrero,* Jordi Rull, Mercè Font-Bardia and Xavier Solans

Tetrahedron: Asymmetry 18 (2007) 2947



Ethyl 2-[(*S*)-[(4,4-dimethyl-2-oxo-1-phenylpyrrolidin-3-yl)amino]]cyclohex-1-enecarboxylate

$E_e = \geq 97\%$

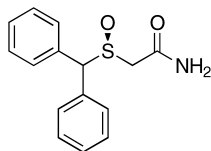
$[\alpha]_D^{25} = +56.9$ (*c* 0.65, CH_2Cl_2)

Source of chirality: (*S*)-3-amino-4,4-dimethyl-1-phenylpyrrolidin-2-one

Absolute configuration: (*S*)

James Ternois, Frédéric Guillen,* Jean-Christophe Plaquevent and Gérard Coquerel

Tetrahedron: Asymmetry 18 (2007) 2959



$C_{15}H_{15}NO_2S$

(S)-(+)-[2-(Diphenyl)methanesulfinyl]acetamide

Ee = 60%

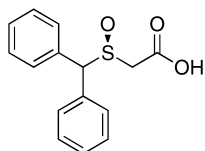
$[\alpha]_D^{20} = +14.1$ (c 1.0, MeOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (S)

James Ternois, Frédéric Guillen,* Jean-Christophe Plaquevent and Gérard Coquerel

Tetrahedron: Asymmetry 18 (2007) 2959



$C_{15}H_{14}O_3S$

(S)-(+)-[2-(Diphenyl)methanesulfinyl]acetic acid

Ee = 90%

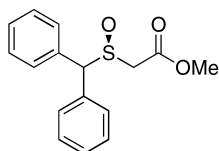
$[\alpha]_D^{20} = +39.1$ (c 1.0, MeOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (S)

James Ternois, Frédéric Guillen,* Jean-Christophe Plaquevent and Gérard Coquerel

Tetrahedron: Asymmetry 18 (2007) 2959



$C_{16}H_{16}O_3S$

Methyl (S)-(+)-[2-(Diphenyl)methanesulfinyl]acetate

Ee = 75%

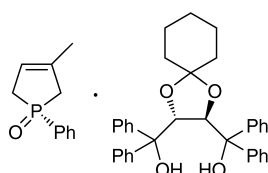
$[\alpha]_D^{20} = +15.1$ (c 1.0, MeOH)

Source of chirality: asymmetric synthesis

Absolute configuration: (S)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler, Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{45}H_{47}O_5P$

(-)-[(S)-1-Phenyl-3-methyl-3-phospholene 1-oxide-(2R,3R)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

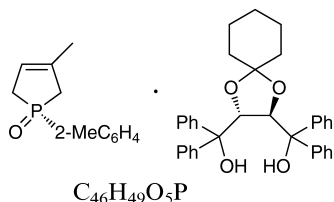
Ee = 99%

$[\alpha]_D^{20} = -56.0$ (c 1, $CHCl_3$)

Absolute configuration: (S,2R,3R)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



(-)-[(*S*)-1-(2-Methylphenyl)-3-methyl-3-phospholene 1-oxide-(2*R*,3*R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

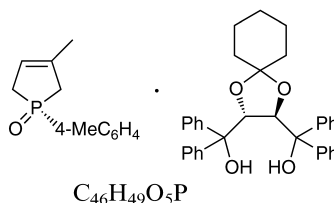
Ee >99%

$[\alpha]_D^{20} = -57.7$ (*c* 1, $CHCl_3$)

Absolute configuration: (*S*,2*R*,3*R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



(-)-[(*S*)-1-(4-Methylphenyl)-3-methyl-3-phospholene 1-oxide-(2*R*,3*R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

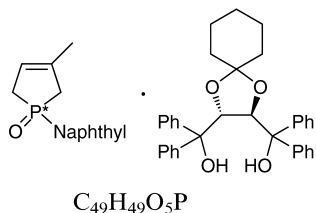
Ee >99%

$[\alpha]_D^{20} = -59.7$ (*c* 1, $CHCl_3$)

Absolute configuration: (*S*,2*R*,3*R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



(-)-[1-Naphthyl-3-methyl-3-phospholene 1-oxide-(2*R*,3*R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

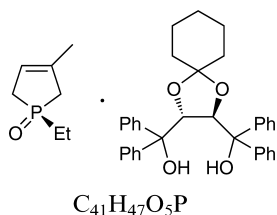
Ee >99%

$[\alpha]_D^{20} = -59.5$ (*c* 1, $CHCl_3$)

Absolute configuration: (2*R*,3*R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



(-)-[(*R*)-1-Ethyl-3-methyl-3-phospholene 1-oxide-(2*R*,3*R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

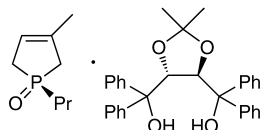
Ee = 58%

$[\alpha]_D^{20} = -55.5$ (*c* 1, $CHCl_3$)

Absolute configuration: (*R*,2*R*,3*R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and György
Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{41}H_{45}O_5P$

(–)-[(*R*)-1-Propyl-3-methyl-3-phospholene 1-oxide-(*4R,5R*)-4,5-bis(diphenylhydroxymethyl)-2,2-dimethyldioxolane] complex

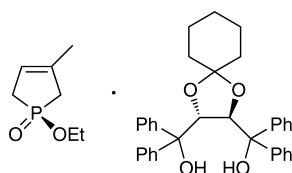
Ee = 95%

$[\alpha]_D^{20} = -48.0$ (*c* 1, $CHCl_3$)

Absolute configuration: (*R,4R,4R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{41}H_{47}O_6P$

(–)-[(*R*)-1-Ethoxy-3-methyl-3-phospholene 1-oxide-(*2R,3R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

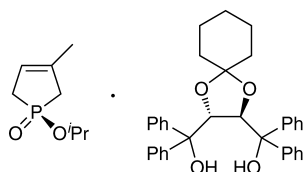
Ee = 95%

$[\alpha]_D^{20} = -54.4$ (*c* 1, $CHCl_3$)

Absolute configuration: (*R,2R,3R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{42}H_{49}O_6P$

(–)-[(*R*)-1-(Isopropoxy)-3-methyl-3-phospholene 1-oxide-(*2R,3R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

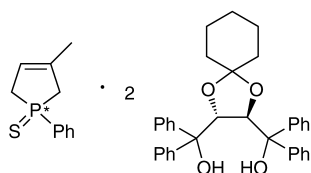
Ee >99%

$[\alpha]_D^{20} = -65.5$ (*c* 1, $CHCl_3$)

Absolute configuration: (*R,2R,3R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{79}H_{81}O_8SP$

(–)-[1-Phenyl-3-methyl-3-phospholene 1-sulfide-2*(*2R,3R*)- $\alpha,\alpha,\alpha',\alpha'$ -tetraphenyl-1,4-dioxaspiro[4.5]decan-2,3-dimethanol] complex

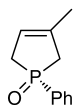
Ee >99%

$[\alpha]_D^{20} = -65.2$ (*c* 1, $CHCl_3$)

Absolute configuration: (*2R,3R*)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{11}H_{13}OP$

(-)-(S)-1-Phenyl-3-methyl-3-phospholene 1-oxide

Ee = 99%

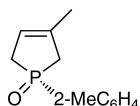
$[\alpha]_D^{20} = -37$ (c 1, $CHCl_3$)

Absolute configuration was determined by X-ray analysis

Absolute configuration: (S)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{12}H_{15}OP$

(-)-(S)-1-(2-Methylphenyl)-3-methyl-3-phospholene 1-oxide

Ee >99%

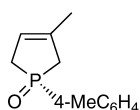
$[\alpha]_D^{20} = -28.6$ (c 1, $CHCl_3$)

Absolute configuration was determined by CD spectroscopy

Absolute configuration: (S)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{12}H_{15}OP$

(-)-(S)-1-(4-Methylphenyl)-3-methyl-3-phospholene 1-oxide

Ee >99%

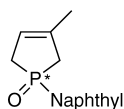
$[\alpha]_D^{20} = -39.1$ (c 1, $CHCl_3$)

Absolute configuration was determined by CD spectroscopy

Absolute configuration: (S)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{15}H_{15}OP$

(-)-1-Naphthyl-3-methyl-3-phospholene 1-oxide

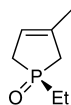
Ee >99%

$[\alpha]_D^{20} = -40.9$ (c 1, $CHCl_3$)

Absolute configuration was not determined

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_7H_{13}OP$

(+)-(R)-1-Ethyl-3-methyl-3-phospholene 1-oxide

Ee = 58%

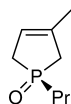
$[\alpha]_D^{20} = +8.7$ (c 1, $CHCl_3$)

Absolute configuration was determined by X-ray analysis

Absolute configuration: (R)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_8H_{15}OP$

(+)-(R)-1-Propyl-3-methyl-3-phospholene 1-oxide

Ee = 95%

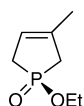
$[\alpha]_D^{20} = +13.4$ (c 1, $CHCl_3$)

Absolute configuration was determined by X-ray analysis

Absolute configuration: (R)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_7H_{13}O_2P$

(-)-(R)-1-Ethoxy-3-methyl-3-phospholene 1-oxide

Ee = 95%

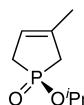
$[\alpha]_D^{20} = -10.6$ (c 1, $CHCl_3$)

Absolute configuration was determined by CD spectroscopy

Absolute configuration: (R)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_8H_{15}O_2P$

(-)-(R)-1-(Isopropoxy)-3-methyl-3-phospholene 1-oxide

Ee >99%

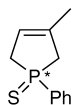
$[\alpha]_D^{20} = -15.6$ (c 1, $CHCl_3$)

Absolute configuration was determined by CD spectroscopy

Absolute configuration: (R)

Tibor Novák, Viktória Ujj, József Schindler, Mátyás Czugler,
Miklós Kubinyi, Zsuzsa A. Mayer, Elemér Fogassy and
György Keglevich*

Tetrahedron: Asymmetry 18 (2007) 2965



$C_{11}H_{13}SP$

(+)-1-Phenyl-3-methyl-3-phospholene 1-sulfide

Ee >99%

$[\alpha]_D^{20} = +7.8$ (c 1, $CHCl_3$)

Absolute configuration was not determined