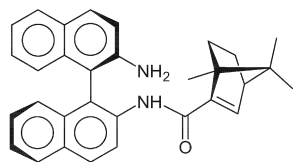


Stereochemistry abstracts

Gábor Mikle, Borbála Boros, László Kollár *

Tetrahedron: Asymmetry 27 (2016) 377



$C_{31}H_{30}N_2O$

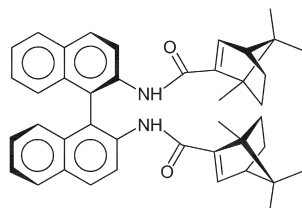
($R_{(ax)}$)-(1*R*,4*R*)-*N*-(2'-Amino-[1,1'-binaphthalen]-2-yl)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = +49.9$ (c 1.103, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation.

Gábor Mikle, Borbála Boros, László Kollár *

Tetrahedron: Asymmetry 27 (2016) 377



$C_{42}H_{44}N_2O_2$

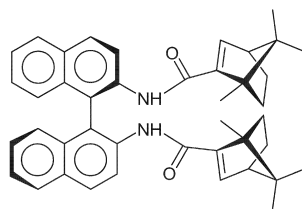
($R_{(ax)}$)-(1*R*,4*R*)-1,7,7-Trimethyl-*N*-(2'-((1*R*,4*R*)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamido)-[1,1'-binaphthalen]-2-yl)bicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = -86.3$ (c 0.638, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár *

Tetrahedron: Asymmetry 27 (2016) 377



$C_{42}H_{44}N_2O_2$

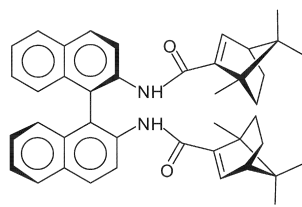
($R_{(ax)}$)-(1*S*,4*S*)-1,7,7-Trimethyl-*N*-(2'-((1*R*,4*R*)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamido)-[1,1'-binaphthalen]-2-yl)bicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = +60.3$ (c 1.161, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár *

Tetrahedron: Asymmetry 27 (2016) 377



$C_{42}H_{44}N_2O_2$

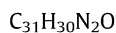
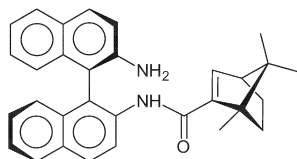
($R_{(ax)}$)-(1*S*,4*S*)-1,7,7-Trimethyl-*N*-(2'-((1*S*,4*S*)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamido)-[1,1'-binaphthalen]-2-yl)bicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = +106.8$ (c 0.703, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár*

Tetrahedron: Asymmetry 27 (2016) 377



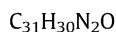
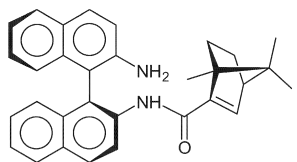
($S_{(ax)}$)-(1*S*,4*S*)-*N*-(2'-Amino-[1,1'-binaphthalen]-2-yl)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = +123.2$ (c 1.826, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár*

Tetrahedron: Asymmetry 27 (2016) 377



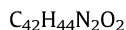
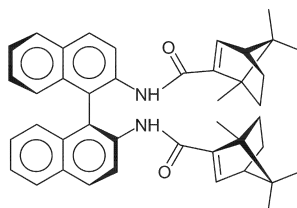
($S_{(ax)}$)-(1*R*,4*R*)-*N*-(2'-Amino-[1,1'-binaphthalen]-2-yl)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = -167.1$ (c 0.629, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár*

Tetrahedron: Asymmetry 27 (2016) 377



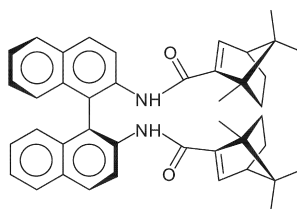
($S_{(ax)}$)-(1*R*,4*R*)-1,7,7-Trimethyl-*N*-(2'-((1*R*,4*R*)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamido)-[1,1'-binaphthalen]-2-yl)bicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = -326.9$ (c 0.260, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Gábor Mikle, Borbála Boros, László Kollár*

Tetrahedron: Asymmetry 27 (2016) 377



($S_{(ax)}$)-(1*S*,4*S*)-1,7,7-Trimethyl-*N*-(2'-((1*R*,4*R*)-1,7,7-trimethylbicyclo[2.2.1]hept-2-ene-2-carboxamido)-[1,1'-binaphthalen]-2-yl)bicyclo[2.2.1]hept-2-ene-2-carboxamide)

$[\alpha]_D^{20} = -52.6$ (c 1.161, $CHCl_3$)

Source of chirality: diastereoselective aminocarbonylation

Download English Version:

<https://daneshyari.com/en/article/1346528>

Download Persian Version:

<https://daneshyari.com/article/1346528>

[Daneshyari.com](https://daneshyari.com)