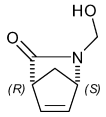
Zsolt Galla, Enikő Forró, Ferenc Fülöp *

Tetrahedron: Asymmetry *27 (2016) 729*



$C_7H_9NO_2$

(1*S*,4*R*)-*N*-Hydroxymethyl-2-azabicyclo[2.2.1]hept-5-en-3-one

ee = 99% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +342 (*c* 0.50, $CHCl_3$)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*S*,4*R*)

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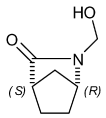


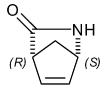
$C_7H_{11}NO_2$

(1*R*,4*S*)-*N*-Hydroxymethyl-2-azabicyclo[2.2.1]heptan-3-one

ee = 96% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +49.8 (*c* 0.72, $CHCl_3$)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*R*,4*S*)

Zsolt Galla, Enikő Forró, Ferenc Fülöp *

Tetrahedron: Asymmetry *27 (2016) 729*



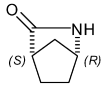
C_6H_7NO

(1*S*,4*R*)-2-Azabicyclo[2.2.1]hept-5-en-3-one

ee = 99% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +545 (*c* 0.30, $CHCl_3$)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*S*,4*R*)

Zsolt Galla, Enikő Forró, Ferenc Fülöp *

Tetrahedron: Asymmetry *27 (2016) 729*



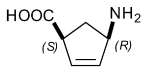
C_6H_9NO

(1*R*,4*S*)-2-Azabicyclo[2.2.1]heptan-3-one

ee = 96% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +125.5 (*c* 0.55, $CHCl_3$)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*R*,4*S*)

Zsolt Galla, Enikő Forró, Ferenc Fülöp *

Tetrahedron: Asymmetry *27 (2016) 729*



$C_6H_9NO_2$

(1*S*,4*R*)-4-Aminocyclopent-2-ene-1-carbocyclic acid

ee = 99% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = −240 (*c* 0.30, H_2O)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*S*,4*R*)

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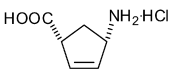
Tetrahedron: Asymmetry *27 (2016) 729*



$C_6H_9NO_2 \cdot HCl$

(1*R*,4*S*)-4-Aminocyclopent-2-enecarboxylic acid hydrochloride

ee = 99% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +110 (*c* 0.20, H_2O)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*R*,4*S*)

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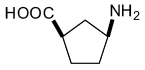
Tetrahedron: Asymmetry *27 (2016) 729*



$C_6H_{11}NO_2$

(1*R*,3*S*)-3-Aminocyclopentanecarboxylic acid

ee = 99% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = −11 (*c* 0.30, H_2O)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*R*,3*S*)

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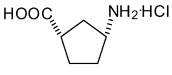
Tetrahedron: Asymmetry *27 (2016) 729*



$C_6H_{11}NO_2 \cdot HCl$

(1*S*,3*R*)-3-Aminocyclopentanecarboxylic acid hydrochloride

ee = 96% by GC on a Chrompack Chirasil-Dex CB column
$[\alpha]_D^{25}$ = +10 (*c* 0.20, H_2O)
Source of chirality: *Candida antarctica* lipase B-catalyzed hydrolysis
Absolute configuration: (1*S*,3*R*)