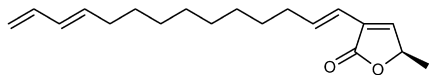


Stereochemistry abstracts

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367



$C_{19}H_{28}O_2$

(*R*)-(-)-Akolactone B

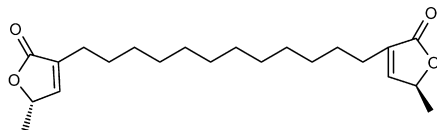
$[\alpha]_D^{18} = 38.1$ (c 1.10, $CHCl_3$)

Source of chirality (*R*)-3-butyn-2-ol

Absolute configuration: (2*R*)

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367



$C_{22}H_{34}O_4$

(+)-Ancepsenolide

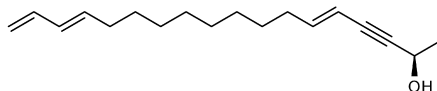
$[\alpha]_D^{18} = +47.1$ (c 1.28, $CHCl_3$)

Source of chirality (*S*)-3-butyn-2-ol

Absolute configuration: (2*S*, 19*S*)

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367



$C_{18}H_{28}O$

(2*R*,5*E*,17*E*)-Octadeca-5,15,17-trien-3-yn-2-ol

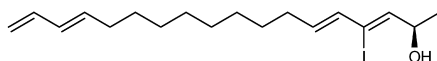
$[\alpha]_D^{19} = +15.9$ (c 1.23, $CHCl_3$)

Source of chirality (*R*)-3-butyn-2-ol

Absolute configuration: (2*R*)

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Tetrahedron: Asymmetry 25 (2014) 1367



$C_{18}H_{29}IO$

(2*R*,3*Z*,5*E*,15*E*)-4-Iodoctadeca-3,5,15,17-tetraen-2-ol

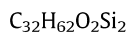
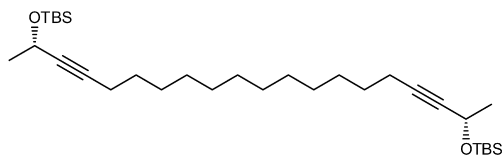
$[\alpha]_D^{19} = +8.6$ (c 1.69, $CHCl_3$)

Source of chirality (*R*)-3-butyn-2-ol

Absolute configuration: (2*R*)

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367

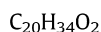
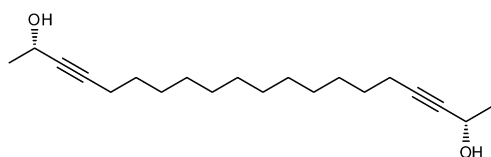


(2S,19S)-2,19-Bis-(*tert*-butyldimethylsilyloxy)eicosa-3,17-diyne

$[\alpha]_D^{18} = 5.4$ (c 1.44, $CHCl_3$)
Source of chirality (S)-3-butyn-2-ol
Absolute configuration: (2S, 19S)

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367

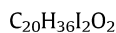
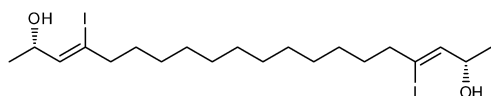


(2S,19S)-Eicosa-3,17-diyne-2,19-diol

$[\alpha]_D^{21} = 26.2$ (c 0.635, $CHCl_3$)
Source of chirality (S)-3-butyn-2-ol
Absolute configuration: (2S, 19S)

Gen Hikosaka, Yasunao Hattori, Hidefumi Makabe *

Tetrahedron: Asymmetry 25 (2014) 1367

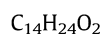
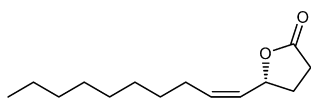


(2S,19S)-4,17-Diiodoeicosa-3,17-diene-2,19-diol

$[\alpha]_D^{18} = 0.03$ (c 1.25, $CHCl_3$)
Source of chirality (S)-3-butyn-2-ol
Absolute configuration: (2S, 19S)

Hao Xu, Shuo-Ning Li, Yan-Qing Yang, Yun Zhou, Qian-Zhen Yang, Qing-Hua Bian, Jiang-Chun Zhong *, Min Wang

Tetrahedron: Asymmetry 25 (2014) 1372



(R,Z)-5-(Dec-1-en-1-yl)dihydrofuran-2(3H)-one

Ee = 93%
 $[\alpha]_D^{25} = -69.3$ (c 1.01, $CHCl_3$)
Source of chirality: (R,R)-ProPhenol
Absolute configuration: (R)

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