## STEREOCHEMISTRY ABSTRACTS

















Tetrahedron: Asymmetry 1992, 3, 1063 G. Carrea, B. Redigolo, S. Riva, S. Colonna, N. Gaggero, E. Battistel, D. Bianchi A E.e. = 99 % by chiral HPLC with a Chiralcel OB column Source of chirality : Cyclohexanone monooxygenase Absolute configuration : R C7HgOS methyl phenyl sulfoxide Tetrahedron: Asymmetry 1992, 3, 1063 G. Carrea, B. Redigolo, S. Riva, S. Colonna, N. Gaggero, E. Battistel, D. Bianchi n E.e. = 92 % by chiral HPLC with a Chiralcel OB column CH<sub>3</sub> Source of chirality : Cyclohexanone monooxygenase Absolute configuration : R C<sub>7</sub>H<sub>7</sub>FOS methyl-p-fluorophenyl sulfoxide Tetrahedron: Asymmetry 1992, 3, 1063 G. Carrea, B. Redigolo, S. Riva, S. Colonna, N. Gaggero, E. Battistel, D. Bianchi 0 E.e. = 93 % by chiral HPLC with a Chiralcel OB column C<sub>2</sub>H<sub>5</sub> Source of chirality : Cyclohexanone monooxygenase Absolute configuration : S C<sub>g</sub>H<sub>o</sub>FOS ethyl-p-fluorophenyl sulfoxide Tetrahedron: Asymmetry 1992, 3, 1069 F. Matsuura, Y. Hamada, and T. Shioiri MeO<sub>2</sub>C CO<sup>3</sup>H  $[\alpha]_{D}^{22}$  +18.6 (c 0.90, CHCl<sub>3</sub>) source of chirality : (2R,3R)-epoxysuccinic acid HÔ NHBoc absolute configuration : 2S, 3R C10H17NO7 N-tert-Butoxycarbonyl-(2S,3R)-3-hydroxyaspartic acid *β*-methyl ester





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Tetrahedron: Asymmetry 1992, 3, 1075

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D.e.= >99% (determined by <sup>1</sup>H-NMR)  $[\alpha]_D^{22}$  +73.7 (c=0.10, CHCl<sub>3</sub>)

Source of chirality: (R)-1,3-butanediol Absolute configuration: 1'R (assigned by Mosher's method)

(2R,4R,1'R)-2-(1-Hydroxyethyl)-2-methyl-4-phenyl-1,3-dioxane

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 $C_{17}H_{16}O_2$ 

(S)-2-Methyl-1,4-diphenylbutane-1,4-dione

E.e.= 48% (derived from precursor 14 of 48% d.e.)  $[\alpha]_D^{20}$  -42.7 (c=2.29, CHCl<sub>3</sub>)

Source of chirality: (R,R)-2,4-pentanediol Absolute configuration: S (assigned by specific rotation of the authentic sample)