





























M. J. Milewska and T. Połoński

CO<sub>2</sub>H CO<sub>2</sub>Pr<sup>i</sup>

C<sub>8</sub>H<sub>12</sub>O<sub>4</sub> (1S, 2R) - 1,2 - Cyclopropanedicarboxylic monoisopropyl ester Tetrahedron: Asymmetry 1994, 5, 359

E.e. > 97% (by <sup>1</sup>H-NMR of (S)-1-phenylethylamide)

 $[\alpha]_{D}^{2^{2}} - 9.7 (c \ 10 \text{ in CHCl}_{3})$ 

Source of chirality : separation of diastereoisomeric salts with quinine. Absolute configuration: 1S, 2R (assigned by chemical conversion into (R)-trans-1,2-cyclopropanodicarboxylic acid)

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C<sub>7</sub>H<sub>11</sub>NO<sub>3</sub> (1S, 3R)-3-Carbamoylcyclopentanecarboxylic acid

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CO<sub>2</sub>H NH<sub>2</sub>

C<sub>6</sub>H<sub>11</sub>NO<sub>2</sub> (1S, 3R)-3-Aminocyclopentanecarboxylic acid Tetrahedron: Asymmetry 1994, 5, 359

E.e. > 97% (by <sup>1</sup>H-NMR of (S)-1-phenylethylamide)

 $[\alpha]_{278}^{21} + 6.4 (c \ 3 \text{ in EtOH})$ Source of chirality : separation of diastereoisomeric salts with (S)-1-phenylethylamine Absolute configuration: 1S, 3R (assigned by chemical conversion into (1S, 3R)-3-aminocyclopentanecarboxylic acid)

Tetrahedron: Asymmetry 1994, 5, 359

$$\begin{split} & [\alpha]_{278}^{2} + 7.0 \ (c \ 2 \ in \ H_2O) \\ & Source \ of \ chirality : \\ & (1S, 3R)-Carbamoylcyclopentane \ carboxylic \ acid \\ & Absolute \ configuration: \ 1S, \ 3R \end{split}$$

M.Pallavicini\*, E.Valoti\*, L.Villa and I.Resta Tetrahedron: Asymmetry 1994, 5, 363 (-)-Esermethole Me  $[\alpha]_{n}^{20} = -137.5$  (c 0.35, benzene) MeC e.e. 99.6% (determined by chiral HPLC analysis) Source of chirality: (3S,1'S)-N-methyl-N-(1'-phenylethyl)-H н 1,3-dimethyl-5-methoxyoxindol-3-ilacetamide, obtained by Me Me asymmetric alkylation of racemic 1,3-dimethyl-5-methoxy-C14H20N20 oxindole with (S)-N-methyl-N-(1-phenylethyl)chloroacetamide.







































