## STEREOCHEMISTRY ABSTRACTS





A54









Tetrahedron: Asymmetry 1990, 1, 429

E.e. > 98% by nmr  $[\alpha]_D^{20}$  -17.7 (c 1.4 chloroform) Source of chirality: L-norephedrine Absolute configuration: 2S,4S,5R,1'R (assigned by nmr)

4-methyl-3-p-methylphenylsulphonyl-2-[1'-methyl-2'-propenyl]-5-phenyl-1,3-oxazolidine

A.Pasquarello, G.Poli, D.Potenza, and C.Scolastico



E.e. > 98% by nmr

Tetrahedron: Asymmetry 1990, 1, 429

 $[\alpha]_D^{20}$  -36.5 (c 1 chloroform) Source of chirality: L-norephedrine Absolute configuration: 2R,4S,5R,1'R (assigned by nmr)

4-methyl-2-[1'-methyl-hydroxyethyl-]-3-p-methylphenylsulphonyl-5-phenyl-1,3-oxazolidine

A.Pasquarello, G.Poli, D.Potenza, and C.Scolastico



Tetrahedron: Asymmetry 1990, 1, 429

E.e. > 98% by nmr  $[\alpha]_D^{20}$  +2.5 (c 1.5 chloroform) Source of chirality: L-norephedrine Absolute configuration: 2S,4S,5R,1'R (assigned by nmr)

4-methyl-2-[1'-methyl-hydroxyethyl-]-3-p-methylphenylsulphonyl-5-phenyl-1,3-oxazolidine









Tetrahedron: Asymmetry 1990, 1, 453

M. Gill and A.F. Smrdel

C<sub>8</sub>H<sub>12</sub>O<sub>4</sub>

$$\begin{split} & \text{Ee} = 93\% \text{ [by n.m.r. with Eu(hfc)_3]} \\ & [\alpha]_D = 10.3 \text{ (c } 2.39, \text{CHCl}_3) \\ & \text{Source of chirality: asymmetric synthesis (Sharpless epoxidation)} \\ & \text{Absolute configuration: R} \end{split}$$

Methyl (tetrahydro-2-methyl-5-oxo-2-furanacetate