ABSTRACT

METHODS FOR OBTAINING OPTICALLY ACTIVE GLYCIDYL ETHERS AND OPTICALLY ACTIVE VICINAL DIOLS FROM RACEMIC SUBSTRATES

The invention provides yeast strains, and polypeptides encoded by genes of such yeast strains, that have enantiospecific glycidyl ether hydrolase activity. The invention also features nucleic acid molecules encoding such polypeptides, vectors containing such nucleic acid molecules, and cells containing such vectors. Also embraced by the invention are methods for obtaining optically active glycidyl ethers and associated optically active vicinal diols.

- Figure 1 -