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Nota di contenuto	Enzymes in organic synthesis; Contents; Chairman's introduction; An illustrative example of a synthetically useful enzyme: horse liver alcohol dehydrogenase; Discussion; Enzymic synthesis of labelled chiral substances; Discussion; Enzyme-controlled reactions giving alkanols of use in the synthesis of biologically active molecules; Discussion; Large-scale purification of enzymes; Discussion; Immobilized enzymes in organic synthesis; Discussion; General discussion I Synthesis of 5,6-dihydroxycyclohexa-1,3-die; Applications of cell-free enzymes in organic synthesis; Discussion Chiral products from non-pyridine nucleotide-dependent reductases and methods for NAD(P)H regeneration Discussion; Stereochemistry and synthetic applications of products of fermentation of a,p-unsaturated aromatic aldehydes by baker's yeast; Discussion; Extending the applicability of esterases of low enantioselectivity in asymmetric synthesis; Discussion; Microbial transformations of some

monoterpenoids and sesquiterpenoids; Discussion; General discussion  
I1 Synthesis of tetrahydrofolate derivatives; Synthesis of optically active  
propylene oxides  
Creation of novel chiral synthons with enzymes: application to  
enantioselective synthesis of antibiotics Discussion; Kinetics of trypsin  
catalysis in the industrial conversion of porcine insulin to human  
insulin; Discussion; Redesigning enzymes by site-directed  
mutagenesis; Discussion; The design of new enzyme active sites for the  
catalysis of specific chemical reactions; Discussion; Final general  
discussion NAD<sup>+</sup> degradation by resting cells; Economic aspects;  
Applications of enzyme methodology; Index of contributors; Subject  
index

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