

Subject Index

Acidolysis

Parameters affecting incorporation and by-product formation during the production of structured phospholipids by lipase-catalyzed acidolysis in solvent-free system 14

Active yeasts

Enantioselective production of halohydrin precursor of Propranolol catalysed by immobilized yeasts 1

Alginate

Enantioselective production of halohydrin precursor of Propranolol catalysed by immobilized yeasts 1

Alkalostable

Enantioselective hydrolysis of methoxyphenyl glycidic acid methyl ester [(±)-MPGM] by a thermostable and alkalostable lipase from *Pseudomonas aeruginosa* 30

Amino acid amide

Discovery of amino acid amides as new substrates for α-amino-ε-caprolactam racemase from *Achromobacter obae* 22

α-Amino-ε-caprolactam

Discovery of amino acid amides as new substrates for α-amino-ε-caprolactam racemase from *Achromobacter obae* 22

Assembly PCR

Discovery of amino acid amides as new substrates for α-amino-ε-caprolactam racemase from *Achromobacter obae* 22

Biotransformation

Biotransformation of 14-deacetoxy sinenxan A by *Ginkgo* cell suspension cultures and the cytotoxic activity evaluation 43

CAL-B

Optimization of lipase-catalyzed glucose fatty acid ester synthesis in a two-phase system containing ionic liquids and *t*-BuOH 40

Carbamates

A mild and quantitative procedure for the removal of nucleoside alkoxycarbonyl groups using pig liver esterase or *Candida antarctica* B lipase 36

Carbonates

A mild and quantitative procedure for the removal of nucleoside alkoxycarbonyl groups using pig liver esterase or *Candida antarctica* B lipase 36

Cell suspension cultures

Biotransformation of 14-deacetoxy sinenxan A by *Ginkgo* cell suspension cultures and the cytotoxic activity evaluation 43

Cytotoxic activity

Biotransformation of 14-deacetoxy sinenxan A by *Ginkgo* cell suspension cultures and the cytotoxic activity evaluation 43

Deprotection

A mild and quantitative procedure for the removal of nucleoside alkoxycarbonyl groups using pig liver esterase or *Candida antarctica* B lipase 36

Diltiazem

Enantioselective hydrolysis of methoxyphenyl glycidic acid methyl ester [(±)-MPGM] by a thermostable and alkalostable lipase from *Pseudomonas aeruginosa* 30

Enzymatic synthesis

Optimization of lipase-catalyzed glucose fatty acid ester synthesis in a two-phase system containing ionic liquids and *t*-BuOH 40

Esterase

Selectivity of lipases and esterases towards phenol esters 8

Esterification

A facile enzymatic process for the preparation of ibuprofen ester prodrug in organic media 47

Gibbs' reagent

Selectivity of lipases and esterases towards phenol esters 8

Ginkgo biloba L.

Biotransformation of 14-deacetoxy sinenxan A by *Ginkgo* cell suspension cultures and the cytotoxic activity evaluation 43

Glucopyranoside derivative

A facile enzymatic process for the preparation of ibuprofen ester prodrug in organic media 47

Halohydrin

Enantioselective production of halohydrin precursor of Propranolol catalysed by immobilized yeasts 1

Hammett equation

Selectivity of lipases and esterases towards phenol esters 8

Hydrolases

A mild and quantitative procedure for the removal of nucleoside alkoxycarbonyl groups using pig liver esterase or *Candida antarctica* B lipase 36

Ibuprofen

A facile enzymatic process for the preparation of ibuprofen ester prodrug in organic media 47

Ionic liquid

Optimization of lipase-catalyzed glucose fatty acid ester synthesis in a two-phase system containing ionic liquids and *t*-BuOH 40

Lipase

Selectivity of lipases and esterases towards phenol esters 8

Parameters affecting incorporation and by-product formation during the production of structured phospholipids by lipase-catalyzed acidolysis in solvent-free system 14

Enantioselective hydrolysis of methoxyphenyl glycidic acid methyl ester [(±)-MPGM] by a thermostable and alkalostable lipase from *Pseudomonas aeruginosa* 30

A facile enzymatic process for the preparation of ibuprofen ester prodrug in organic media 47

(±)-MPGM

Enantioselective hydrolysis of methoxyphenyl glycidic acid methyl ester [(±)-MPGM] by a thermostable and alkalostable lipase from *Pseudomonas aeruginosa* 30

Nucleosides

A mild and quantitative procedure for the removal of nucleoside alkoxycarbonyl groups using pig liver esterase or *Candida antarctica* B lipase 36

- Phenol esters
Selectivity of lipases and esterases towards phenol esters 8
- Prodrug
A facile enzymatic process for the preparation of ibuprofen ester prodrug in organic media 47
- Racemase
Discovery of amino acid amides as new substrates for α -amino- ϵ -caprolactam racemase from *Achromobacter obae* 22
- Response surface methodology
Parameters affecting incorporation and by-product formation during the production of structured phospholipids by lipase-catalyzed acidolysis in solvent-free system 14
- Solvent-free system
Parameters affecting incorporation and by-product formation during the production of structured phospholipids by lipase-catalyzed acidolysis in solvent-free system 14
- Structured phospholipids
Parameters affecting incorporation and by-product formation during the production of structured phospholipids by lipase-catalyzed acidolysis in solvent-free system 14
- Sugar ester
Optimization of lipase-catalyzed glucose fatty acid ester synthesis in a two-phase system containing ionic liquids and *t*-BuOH 40
- Taxane
Biotransformation of 14-deacetyl sinenxan A by *Ginkgo* cell suspension cultures and the cytotoxic activity evaluation 43
- Thermostable
Enantioselective hydrolysis of methoxyphenyl glycidic acid methyl ester [(\pm)-MPGM] by a thermostable and alkalostable lipase from *Pseudomonas aeruginosa* 30
- Two-phase system
Optimization of lipase-catalyzed glucose fatty acid ester synthesis in a two-phase system containing ionic liquids and *t*-BuOH 40