



#1102

Ester Synthesis

SOLVENT-FREE ESTER PRODUCTION

DESCRIPTION

Development of processes for the synthesis of esters from different types of acids and alcohols through catalytic routes that yield products with high activity and selectivity. The technology can be adapted to different raw materials, reaction conditions and application requirements, including processes that reduce or eliminate the use of organic solvents.

APPLICATIONS

Pharmaceutical | Food | Cosmetics

ADVANTAGES

- Synthesis with eco-friendly, environmentally benign enzymatic and heterogeneous catalysts
- High activity and selectivity
- Solvent-free process
- Easily adapted to specific uses and conditions

DEVELOPMENT STAGE

Fully developed at laboratory scale.

RESEARCHERS

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