

Synthesis of 8-Heptadecene by Decarboxylation of Oleic Acid in Various Catalyst Systems

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Abstract—Decarboxylation of oleic acid in the presence of various catalysts synthesized in a flow system was performed to produce 8-heptadecene, which is an important product of the petrochemical and other industries. An effect of reaction temperature on the product yield was demonstrated.

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