

عنوان مقاله:

Electrochemical double carboxylation of unsaturated C-C bonds with carbon dioxide: An overview

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خلاصه مقاله:

In this review, we try to provide a comprehensive and updated overview of recent advances on the synthesis of dicarboxylic acids through electrochemical decarboxylation of unsaturated hydrocarbons with carbon dioxide. We have classified these reactions based on the type of starting materials. Thus, the review is divided into three major sections. The first section will cover dicarboxylation of alkenes. The second focuses exclusively on dicarboxylation of dienes. The third will discuss dicarboxylation of alkynes.

کلمات کلیدی:

Carbon dioxide, Electrosynthesis, dicarboxylation, dicarboxylic acids, unsaturated C-C bonds

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