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甲醇羰基化制醋酸铱基催化剂的研究

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摘要 摘要 醋酸是一种重要的化工原料，甲醇羰基化是目前生产醋酸的主要方法，铱基催化剂是最有发展前景的甲醇羰基化反应制备醋酸的催化剂。介绍了铱基催化 剂体系的催化机理、速度影响因素，并与铑基催化剂进行了比较.

关键词 甲醇 羰基化作用 铱化合物 乙酸 P 催化剂 影响因素

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Study on Indium-Based Catalyst System for the Production of Acetic Acid by Methanol Carbonylation

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Abstract Acetic acid is one of the important industrial chemicals, which is manufactured mainly by the carbonylation of methanol at present. The iridium-based catalyst is the most potential industrial catalyst for methanol carbonylation to acetic acid. In this article, the catalytic reaction mechanism and some factors affecting carbonylation rate for iridium-based catalyst are presented, and compared with those for rhodium-based catalyst system.

Key words METHANOL CARBONYLATION IRIDIUM COMPOUNDS ACETIC ACID P CATALYST INFLUENCING FACTORS

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