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RESEARCH ARTICLE

## Producing p-tolylmethanol derivatives through an eco-friendly electro-organic method: A highly efficient Grignard reaction utilizing a magnesium electrode

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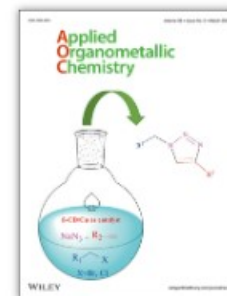
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### Abstract

This research introduces an eco-friendly and innovative technique for efficiently producing p-tolylmethanol derivatives **4(a–k)** using electro-organic synthesis based on the Grignard reaction. By employing electrochemical methods, this approach offers



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