



सौरभारत आसुरभारत
CSIR
भारत का नयाचार इंजन
The Innovation Engine of India

Indian Journal of Chemistry
Vol. 64, May 2025, pp. 507-511
DOI: 10.56042/ijc.v64i5.13134



Electrocatalytic assisted one pot three component reaction for construction of highly substituted pyridine

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Received 13 August 2024; accepted (revised) 28 March 2025

An electrochemically environmentally benign synthetic strategy has been developed for preparation of substituted pyridine by condensation of structurally diverse aldehydes with various thiols and malononitrile.

Keywords: Three component reaction, Substituted pyridine, Malononitrile, Condensation reaction, Electrocatalysis