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**RAJASTHAN**

Title: **EFFICIENT AND ECO-FRIENDLY SYNTHESIS OF 2, 6-NAPHTHYRIDINES**

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**ABSTRACT**

A microwave-promoted new easy, efficient, clean and environmentally benign method for the synthesis of 2, 6- naphthyridine and its derivatives from 4-cyano-3-pyridylacetonitrile has been developed. The desired products were isolated in excellent yields and high purity under eco-friendly conditions. The synthesized compounds were characterized by the IR, UV-Visible and 1H NMR spectral analyses along with elemental analysis.

**KEYWORDS**

Microwave, eco-friendly, pyridylacetonitrile, naphthyridines

**FOR POSTURE PRESENTATION**