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# Abstract Book

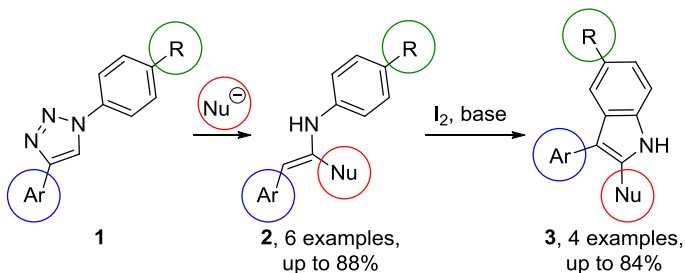
# Synthesis of 1*H*-Indole Derivatives through Aryl Triazole Ring Opening and Subsequent Cyclization

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Synthesis of indole derivatives has been an active field of research for over a century, driven by the significant biological activities of these compounds.<sup>1</sup> Accordingly, chemists have continuously developed various methods for the preparation of new indole derivatives.<sup>2</sup>

We present a novel synthetic approach towards 1*H*-indole derivatives **3**. The synthesis begins with the triazole ring opening of compounds **1** using nucleophiles, resulting in the formation of enamines **2** that can be further cyclized into the desired indoles **3**.



## References

1. Sundberg, R. J. *Indoles*; Academic Press, London, 1996.
2. Palmisano, G.; Penoni, A.; Sisti, M.; Tibiletti, F.; Tollari, S.; Nicholas, K. M. *Curr. Org. Chem.* **2010**, *14*, 2409.