

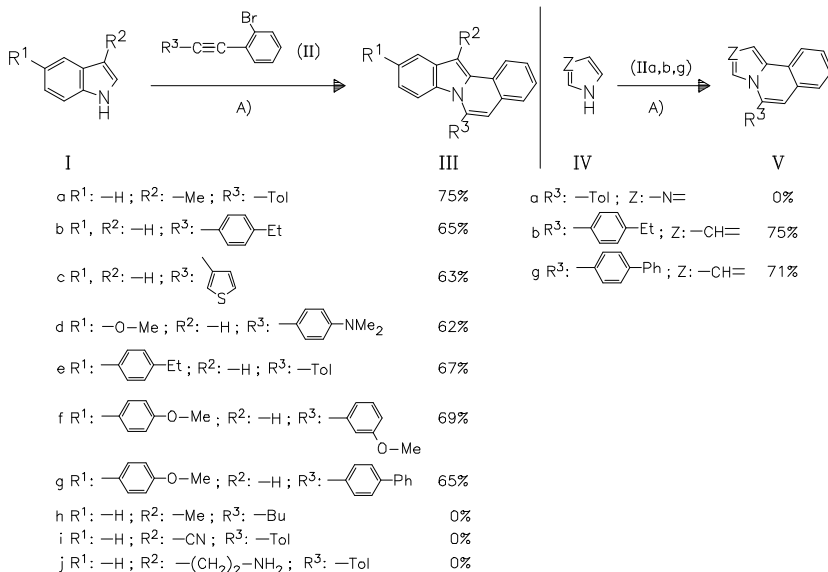
Fused pyridine derivatives

R 0450

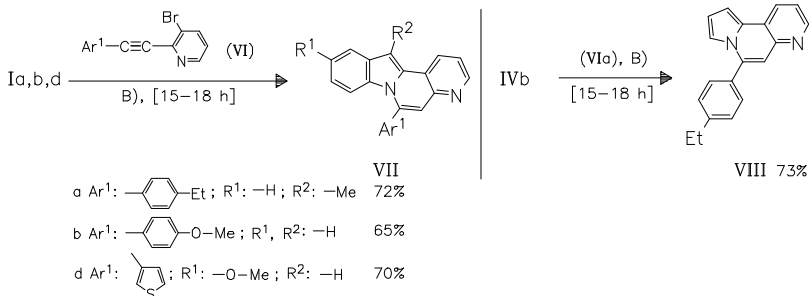
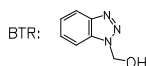
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**Copper-Catalyzed Tandem Synthesis of Indolo-, Pyrrolo[2,1-a]isoquinolines, Naphthyridines and Bisindolo/Pyrrolo[2,1-a]isoquinolines via Hydroamination of ortho-Haloarylalkynes Followed by C-2 Arylation.** — The title compounds are of biological and electronic interest. — (VERMA\*, A. K.; JHA, R. R.; CHAUDHARY, R.; TIWARI, R. K.; REDDY, K. S. K.; DANODIA, A.; J. Org. Chem. 77 (2012) 18, 8191-8205, <http://dx.doi.org/10.1021/jo301572p>; Synth. Org. Chem. Res. Lab., Univ. Delhi, Delhi 110 007, India; Eng.) — Jannicke



A): KOTBu, 5 mol% CuI/BTR (1:2) (cat.), DMSO, 110°C



B): KOTBu, 10 mol% CuI/BTR (1:2) (cat.), DMSO, 110°C

