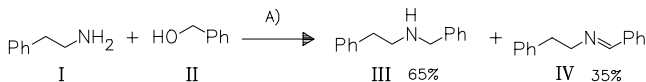


Indole derivatives

R 0140

25- 116

N-Alkylation of Phenethylamine and Tryptamine. — A clean and efficient method for the N-alkylation of phenethylamine and tryptamine, employing alcohols as alkylating agents, is developed. The reaction proceeds via catalytic electronic activation using an iridium catalyst. — (CAMI-KOBEČI, G.; SLATFORD, P. A.; WHITTLESEY, M. K.; WILLIAMS*, J. M. J.; *Bioorg. Med. Chem. Lett.* 15 (2005) 3, 535-537; Dep. Chem., Univ. Bath, Claverton Down, Bath BA2 7AY, UK; Eng.) — M. Bohle



A): mol. sieves, $[\text{IrCl}(\text{cod})_2]/\text{dppf}$ (cat.), toluene, 110°C, [sealed tube]

