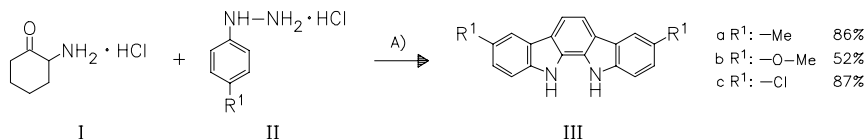


Carbazole derivatives

R 0150

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An Efficient and General Synthesis of Indolo[2,3-a]carbazoles Using the Fischer Indole Synthesis — A novel one-pot synthesis of several indolo[2,3-a]carbazole derivatives under mild conditions is reported. For some ortho-substituted arylhydrazines, reaction with (I) results in formation of a product mixture. Reaction of (XIII) with phenylhydrazine proceeds upon elimination of the tert-butyl group to afford the unsubstituted product (XIV). — (HU*, Y.-Z.; CHEN, Y.-Q.; Synlett 2005, 1, 42-48; Dep. Med. Chem., Zhejiang Univ., Hangzhou 310031, Peop. Rep. China; Eng.) — S. Adam



A): AcOH/TFA, 100°C

