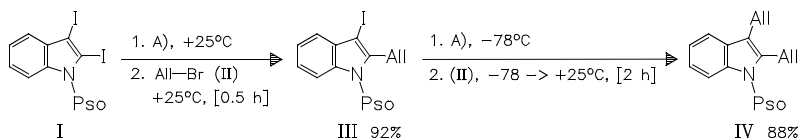


Indole derivatives

R 0140

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Selective Functionalization in Positions 2 and 3 of Indole via an Iodine—Copper Exchange Reaction. — The 2,3-diiodoindole derivative (I) is shown to selectively undergo two successive iodine—copper exchange reactions and to react with two different electrophiles. Products (IV) and (XI) are further transformed to tricyclic compounds. — (YANG, X.; ALTHAMMER, A.; KNOCHEL*, P.; *Org. Lett.* 6 (2004) 10, 1665-1667; Fachbereich Chem., Ludwig-Maximilians-Univ., D-81377 Muenchen, Germany; Eng.) — Steudel



A): $\text{LiCu}(\text{CH}_2-\text{CMe}_2-\text{Ph})_2$, THF/Et₂O (3:1), [0.5 h] Pso: $-\text{SO}_2-\text{Ph}$ All: $\text{CH}_2=\text{CH}-\text{CH}_3$

