

Alkaloids

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New Synthesis of 1-[(3,4-Dimethoxyphenyl)methoxymethyl]-6,7-dimethoxyisoquinoline (Setigerine), a Naturally Occurring Alkaloid, and Some Derivatives of Papaverine. — Dichlorinated dihydroisoquinolines (II) are converted into isoquinolines or iminoacetals depending on the concentration of sodium methoxide in methanol. This reaction is applied to the synthesis of the naturally occurring alkaloid setigerine (VII). — (JACOBS, J.; TUYEN, N. V.; MARKUSSE, P.; STEVENS, C. V.; MAAT, L.; DE KIMPE*, N.; *Tetrahedron* 65 (2009) 6, 1188-1192; Dep. Org. Chem., Fac. Biosci. Eng., Univ. Gent, B-9000 Gent, Belg.; Eng.) — Bartels

