

Amines

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Asymmetric Formal Synthesis of (-)-Formoterol and (-)-Tamsulosin. — The sequence proceeds without any chromatographic separation. Key reactions include regio- and stereoselective ring opening of the substituted aziridine (III) and subsequent cyclization to the enantiopure oxazolidinone (VI). Both final products (VII) and (IX) act as precursors for the known synthesis of the commercial drugs formoterol and tamsulosin, respectively. — (KIM, Y.; KANG, L.-S.; HA*, H.-J.; KO, S. W.; LEE, W. K.; Heterocycles 71 (2007) 10, 2243-2248; Dep. Chem., Hankuk Univ. Foreign Stud., Yongin, Kyunggido 449-791, S. Korea; Eng.) — H. Haber

