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Enantioselective Intramolecular C–H Insertion Route to a Key Intermediate for the Synthesis of Trinem Antibiotics.

The new route to the chiral azetidin-2-one title compound (III) is based on the Rh-catalyzed decomposition of the diazoester (I) and following intramolecular carbene C–H insertion. The enantioselectivity of this azetidinone formation can be completely reversed by appropriate choice of the Rh-catalyst. — (ANADA, MASAHIRO; HASHIMOTO, SHUN-ICHI; *Tetrahedron Lett.* 39 (1998) 49, 9063-9066; Grad. Sch. Pharm. Sci., Hokkaido Univ., Sapporo 060, Japan; EN)

