

antibiotics

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First Stereocontrolled Synthesis of the (3S,5R,7R,10R,11R)-C₁-C₁₃ Fragment of Nystatin A₁.

— The first highly stereoselective preparation of the C₁-C₁₃ polyol fragment of antibiotic Nystatin A₁ (I) in the natural configuration is achieved in a convergent synthesis with a combination of biocatalytic chemistry and sulfoxide-mediated asymmetric induction to create the chiral centers. — (SOLLADIE, GUY; WILB, NICOLE; BAUDER, CLAUDE; BONINI, CARLO; VIGGIANI, LICIA; CHIUMMIENTO, LUCIA; *J. Org. Chem.* 64 (1999) 15, 5447-5452; Lab. Stereochim., CNRS, ECPM, Univ. Louis Pasteur, F-67008 Strasbourg, Fr.; EN)

