

# Total Synthesis of (+)-Myriocin and (-)-Sphingofungin E from Aldohexoses Using Overman Rearrangement as the Key Reaction

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Total synthesis of (+)-myriocin and (-)-sphingofungin E is described. The carbon framework of these natural products with a tetra-substituted carbon with nitrogen was effectively constructed by Overman rearrangement of allylic trichloroacetimidates derived from aldohexofuranoses.

