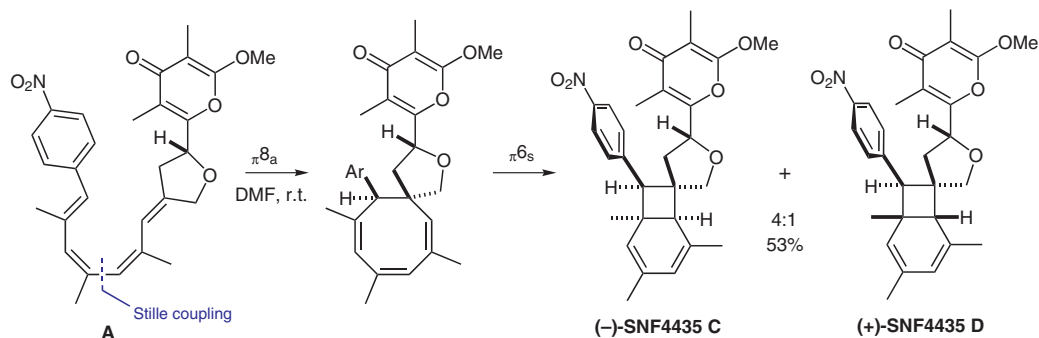


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The Total Synthesis of (-)-SNF4435 C and (+)-SNF4435 D  
*J. Am. Chem. Soc.* **2004**, *126*, 15968-15969.

## Total Synthesis of (-)-SNF4435 C and (+)-SNF4435 D



**Significance:** SNF4435 C and SNF4435 D are metabolites of *Streptomyces spectabilis* that display immunosuppressant and multidrug resistance reversal activity.

**Comment:** Parker and Lim adopt a biomimetic approach in which the tetraene (**A**) undergoes first a conrotatory  $\pi 8_a$  electrocyclization followed by a disrotatory  $\pi 6_s$  electrocyclization under the conditions of the Stille coupling (DMF, room temperature) to give a 4:1 mixture of the diastereomeric target molecules. The natural products are isolated as a 2.3:1 mixture (see also: J. E. Moses, R. M. Adlington, R. Rodriguez, S. J. Eade and J. E. Baldwin *Chem. Commun.* **2005**, 1687-1689).