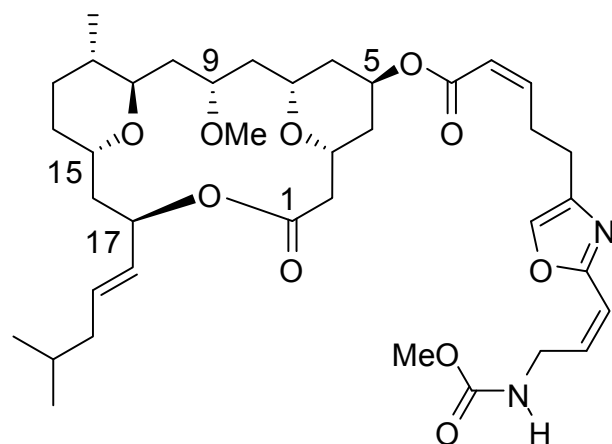




Leucascandrolide A

- ▶ 18-membered macrolide ring
- ▶ two substituted tetrahydropyran rings
- ▶ unsaturated oxazole containing side chain

- ▶ Extracted in 1996 from sponges of the genus *Leucascandra caveolata*
- ▶ Potent cytotoxicity against KB and P388 tumor cell lines
- ▶ Strong inhibition of the pathogenic yeast *Candida albicans*

Kozmin, S.A. *Org. Lett.* **2001**, 3, 755-758. Wang, Y.; Janjic, J.; Kozmin, S.A. *J. Am. Chem. Soc.* 2002, 124, 13670-13671. Su, Q.; Panek, J.S. *Angew. Chem. Int. Ed.* **2005**, 44, 1223-1225.

