

GROUP MEETING PROBLEMS

Jan 27, 2009

1. Cyclopentabenzofurans are important intermediates of natural products with potent anticancer activity. Starting from the 3-hydroxyflavone drawn below, propose the following:
 - The structure of the intermediate and its mechanism,
 - The rearrangement from the intermediate to the fused cyclobutane-flavone,
 - The formation of the cyclopentabenzofuran intermediate.

