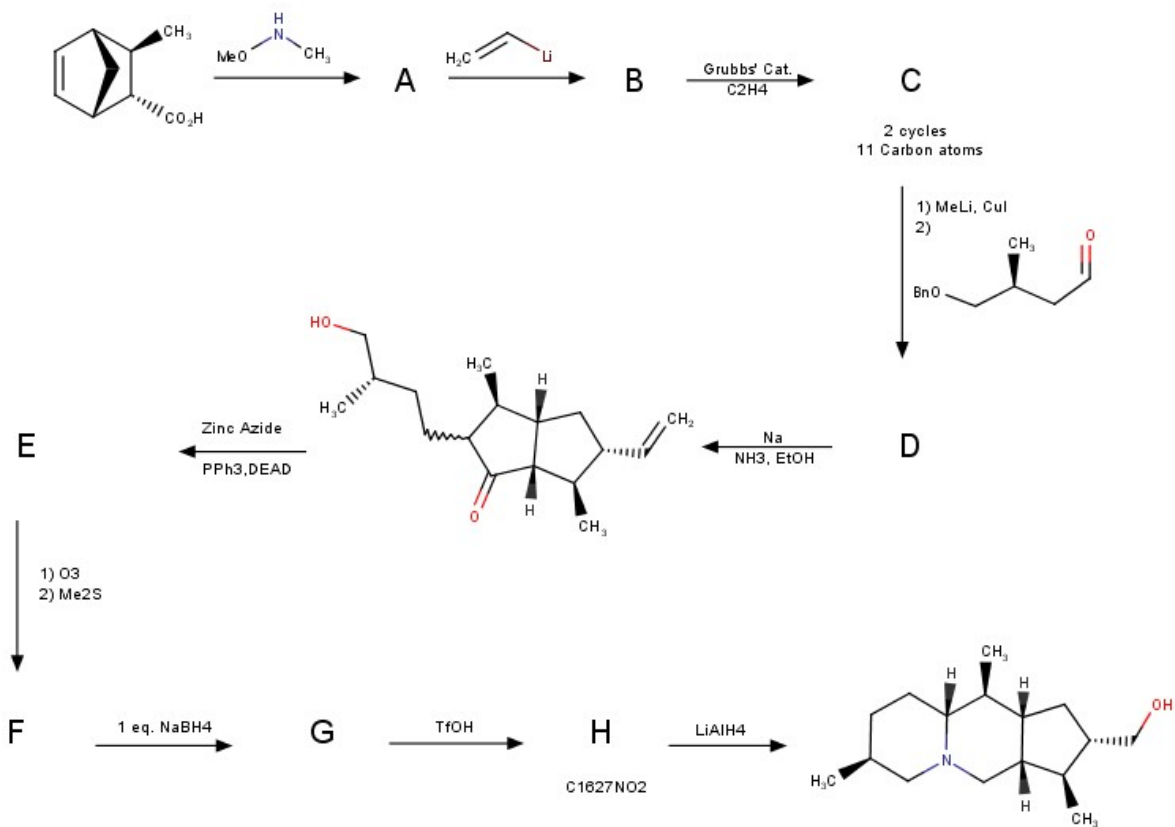


Alkaloid 251F

The natural product Alkaloid 251F was synthesized enantioselectively in 2002 through the following scheme:



Note that after the transformation **F** to **G**, the diastereoisomers were separated and **G** was purified as one single structure, i.e. **G** has no unknown stereochemistry.

1. Draw the structures of intermediates **A-H**.

A	B	C
D	E	F
G	H	

2. What is the name of the reaction transforming **G** to **H**?

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