

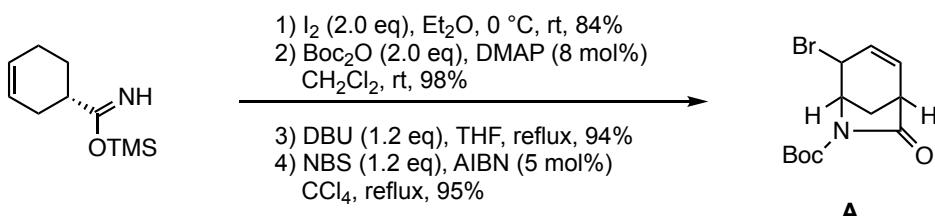
Q1: Draw a reasonable arrow-pushing mechanism of the transformation from **B** to **C**.

Q2: Propose a reasonable reaction conditions for the transformation from **C** to **(-)-lucidumone**.

Protection/deprotection of 2°-alcohol is not required.

Li, G. et al.
Nat. Commun. **2024**, 15, 2647.

Q1, Propose reasonable arrow-pushing mechanisms
 Q2, Propose the stereochemistry of **A**



Q3, Propose reasonable arrow-pushing mechanisms and the structure of product

