## Total Synthesis of (±)-Conolidine and (±)-Apparicine

1. Please give the missing reagents for forming compound **5** from compound **2**.

2. Please suggest the mechanisms for forming these 3 products

3. Please provide the missing compounds and reagents from **10** to **apparicine**.

## Solution: Tetrahedron Letters, 2016, 57, 375-378

2.

10 conolidine apparicine