## Total Synthesis of Phomoidride D

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## Solutions



B


6


Reaction name? Mechanism?


| $1 / \mathrm{Pd}\left(\mathrm{PPh}_{3}\right)_{4}, \mathrm{NaBH}_{4}$ | 2/i. $\mathrm{Pb}(\mathrm{OAc})_{4}, \mathrm{DCE}$, Reflux |
| :--- | :--- | EtOH, rt



9A
ii. Silica gel, DCM, rt

## Reaction name?

 Mechanism? Role of -Ns groupC


9A


9B
 $\mathrm{Me}_{2} \mathrm{~N} \mathrm{CO}_{2} \mathrm{Me}$


11


10


11
$\square$


Type of
Reaction



