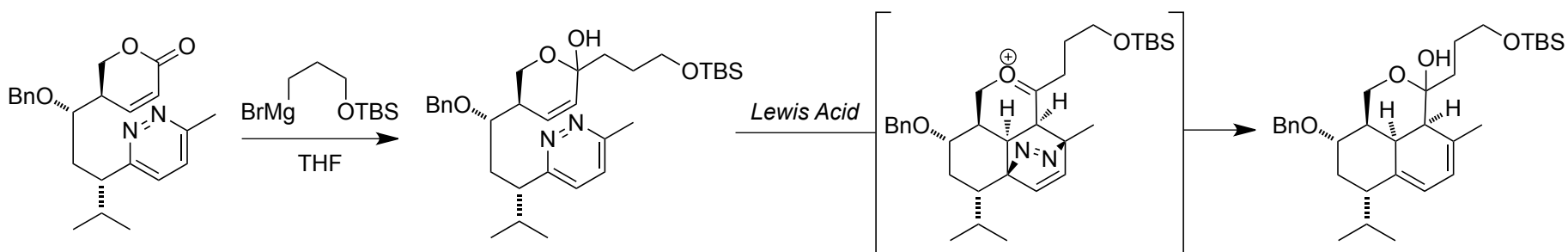


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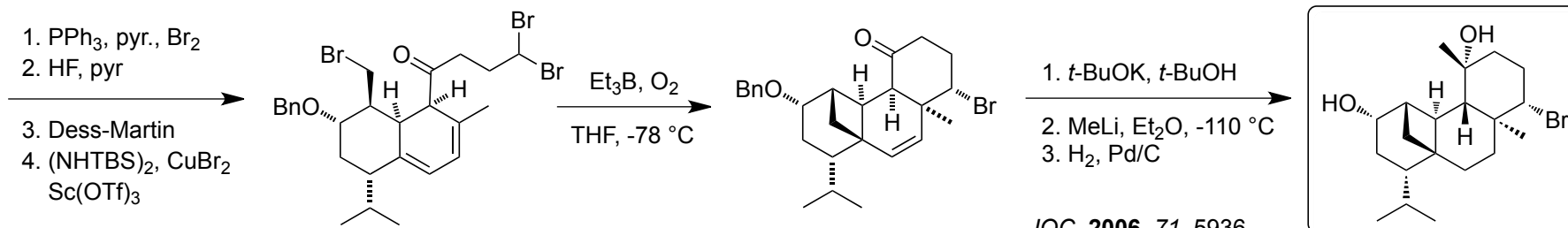
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Ioniol I
18 Steps

Key points:

- Utilizes a diastereoselective pyridazine [4+2] cycloaddition
- Late stage radical cascade reaction to instal the tetracyclic framework