

Journal of the American Chemical Society : 1971

Endeavors in Total Synthesis

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Columbia University

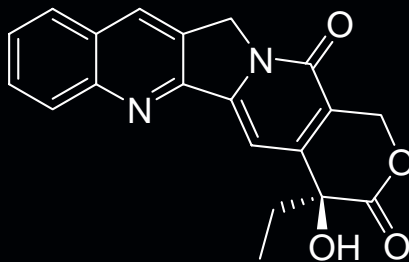
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- Scifinder search for “total synthesis”
- 22 total synthesis hits
- 5 Molecules covered in detail
- No methodology or physical organic chemistry

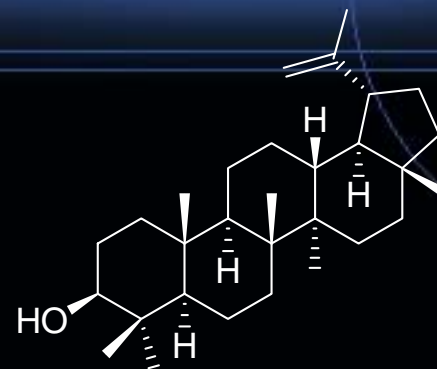
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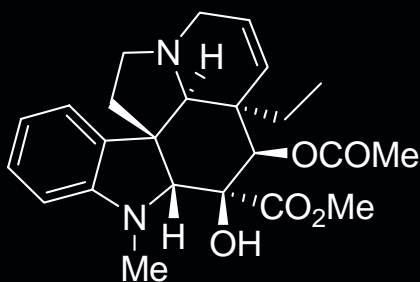
carpanone



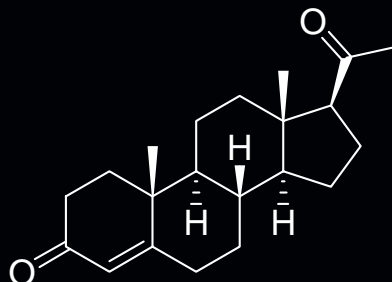
camptothecin



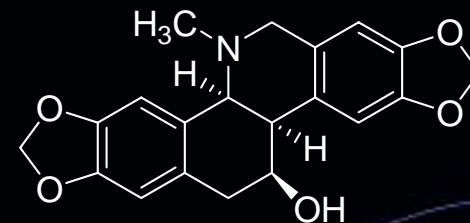
lupeol



vindorosine



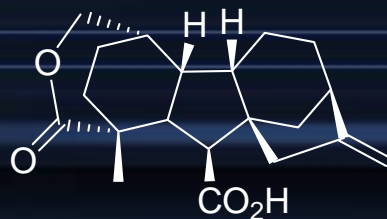
progestrone



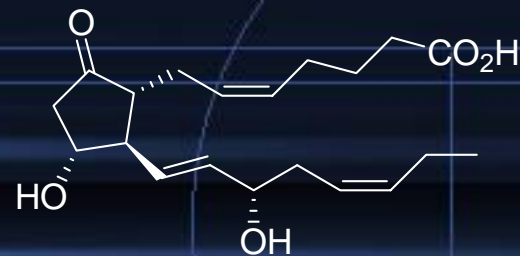
chelidone



seychellene

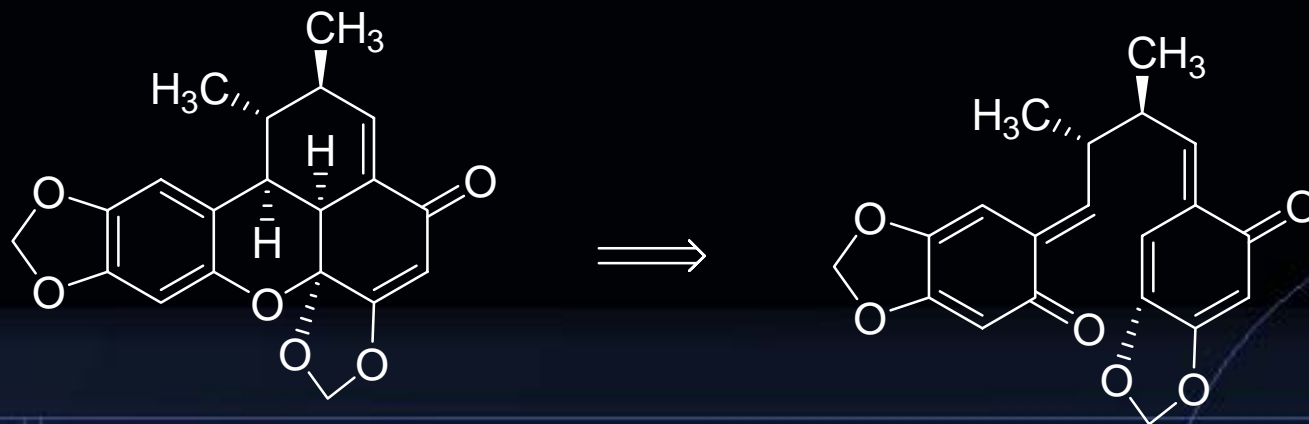
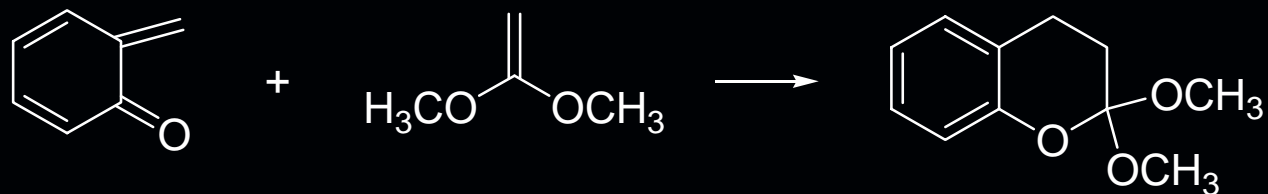


gibberelline A₁₅

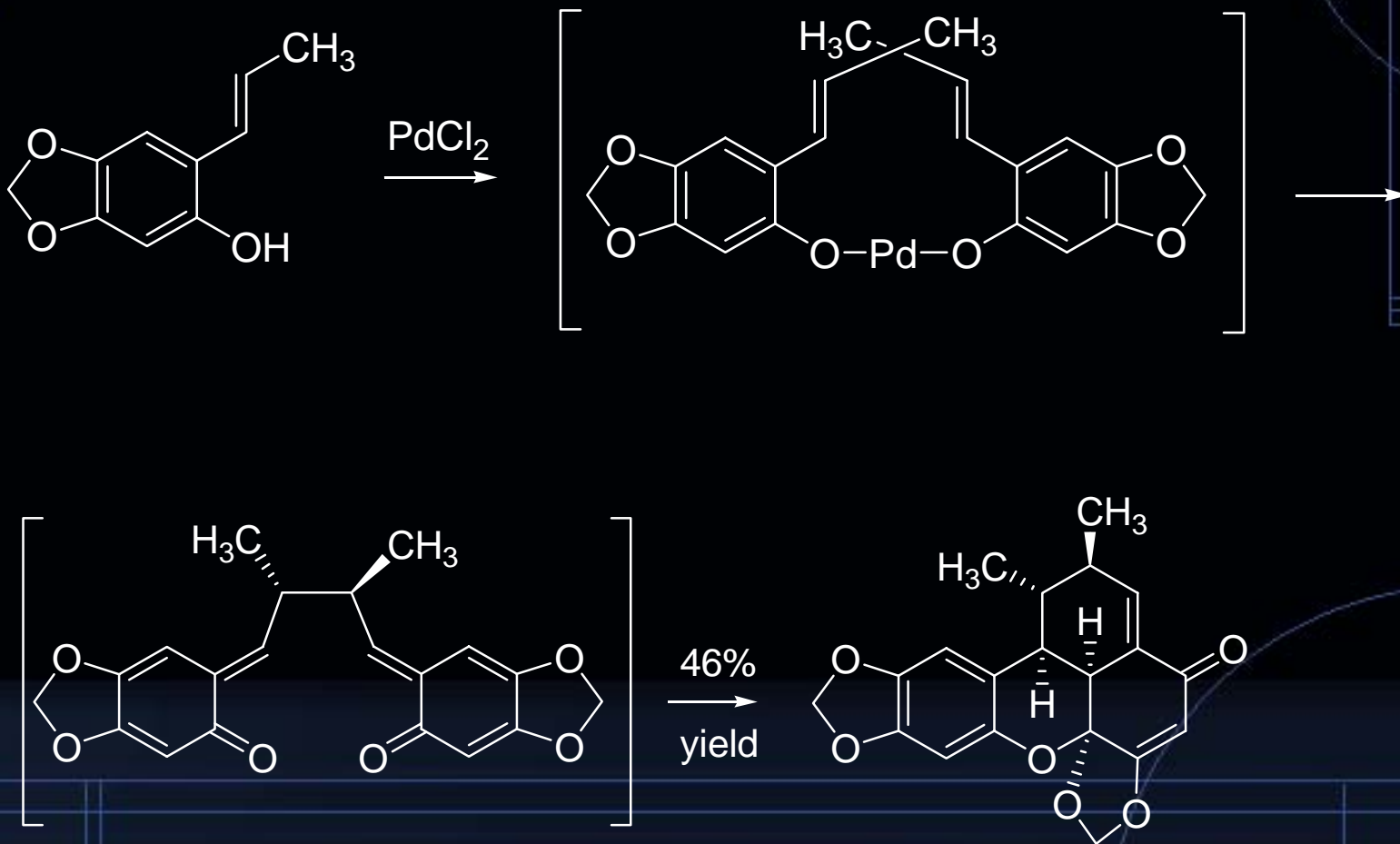


prostaglandin E₃

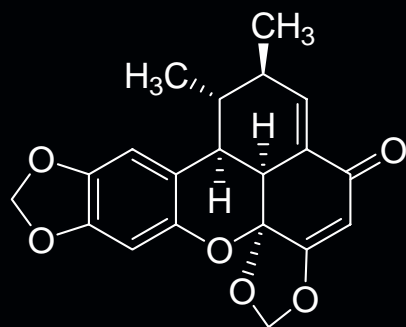
Total Synthesis of Carpanone



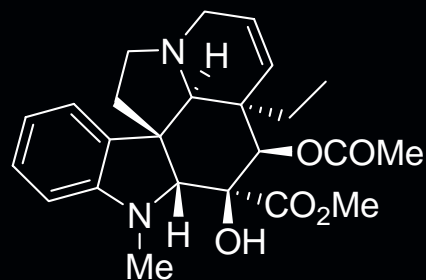
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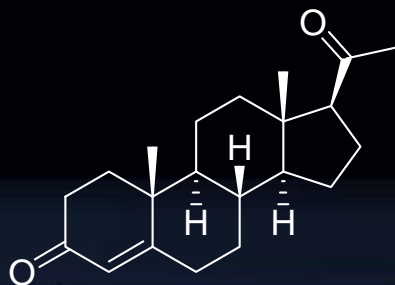
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carpanone



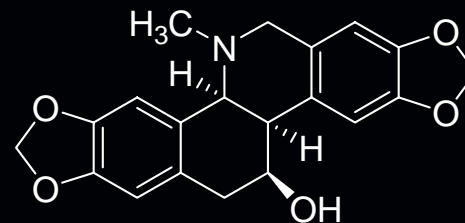
vindorosine



progestrone

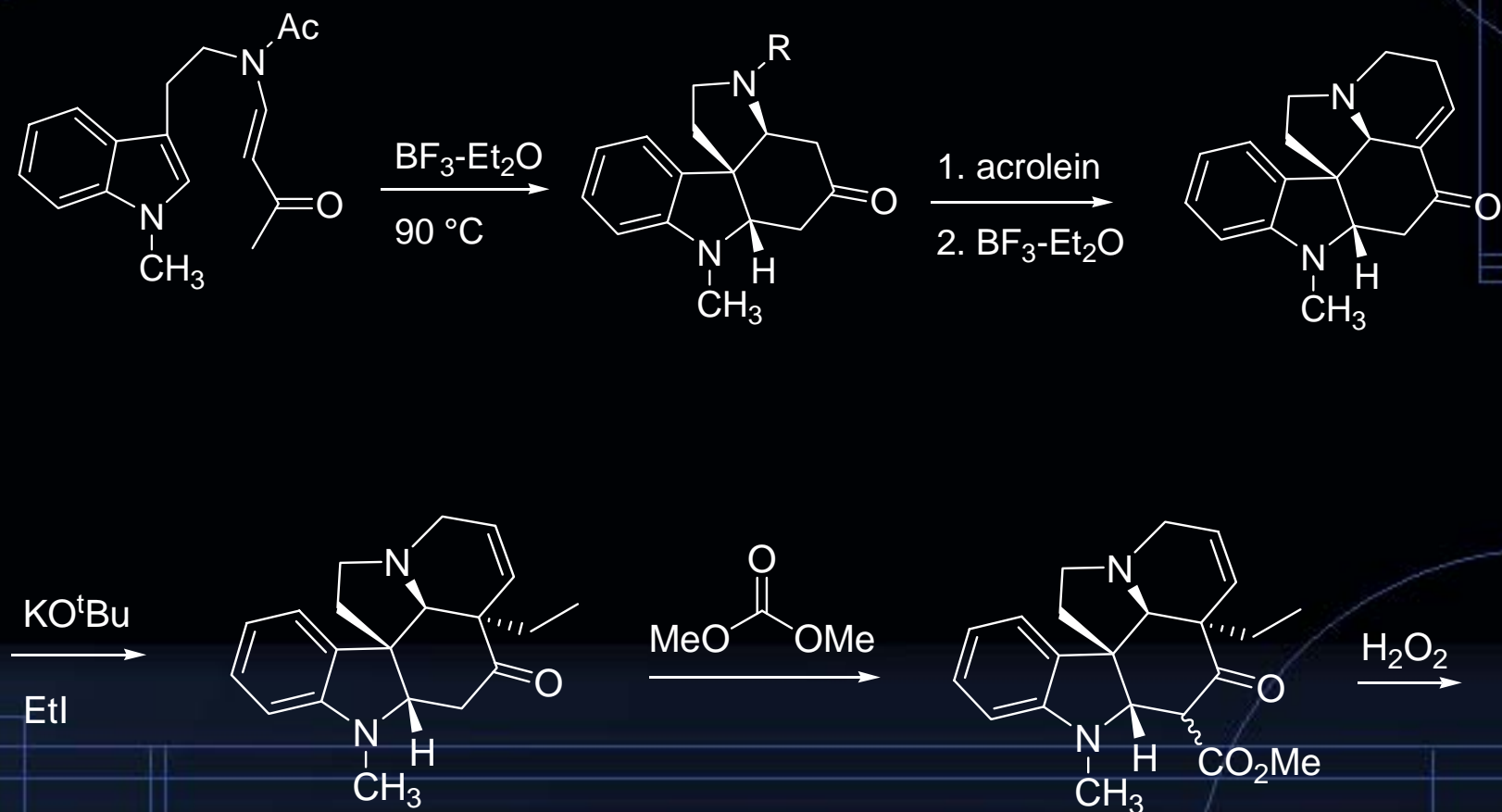


seychellene

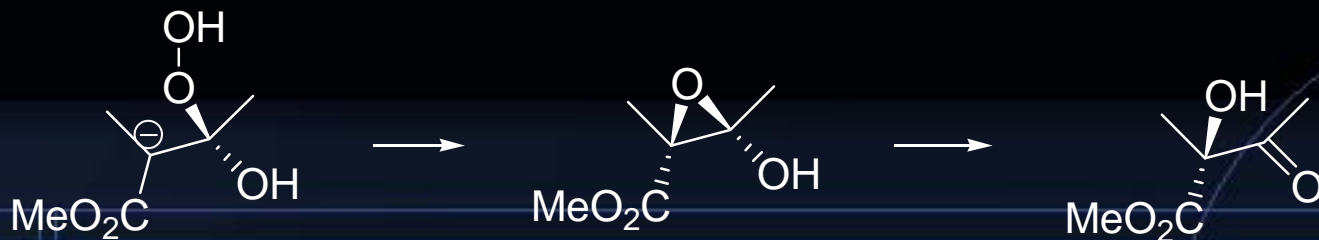
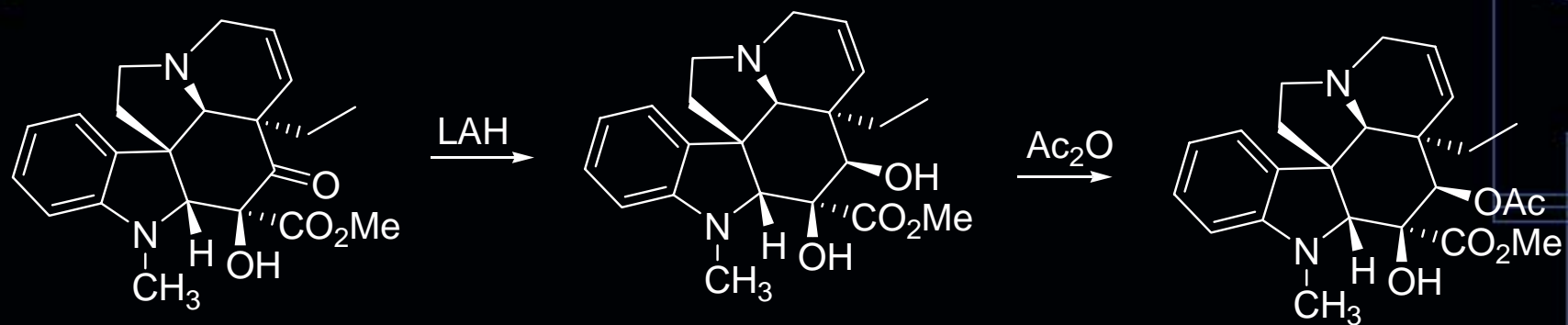


chelidonine

Total Synthesis of Vindorosine



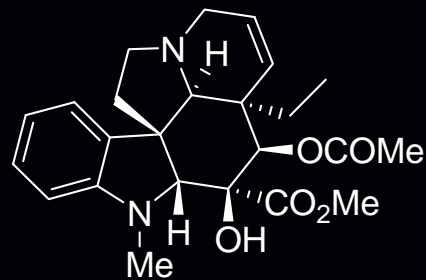
Total Synthesis of Vindorosine



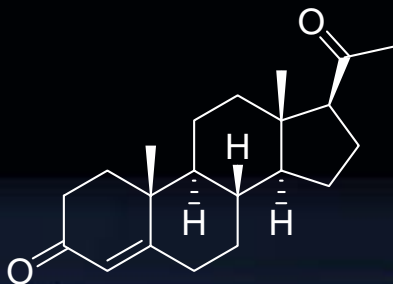
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carpanone



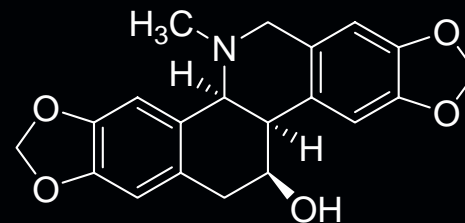
vindorosine



progestrone

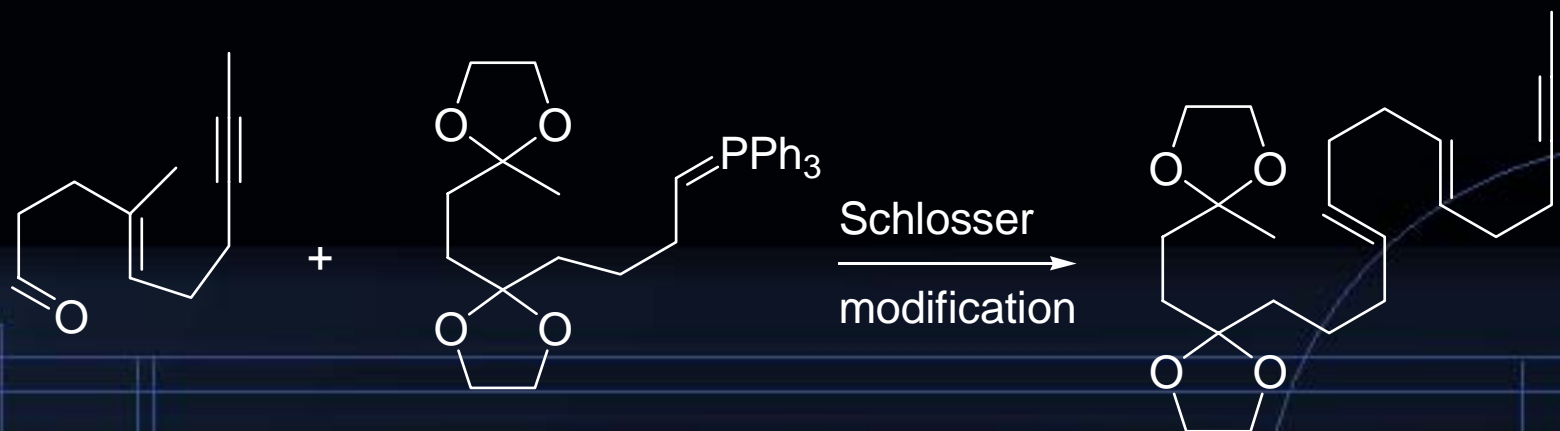
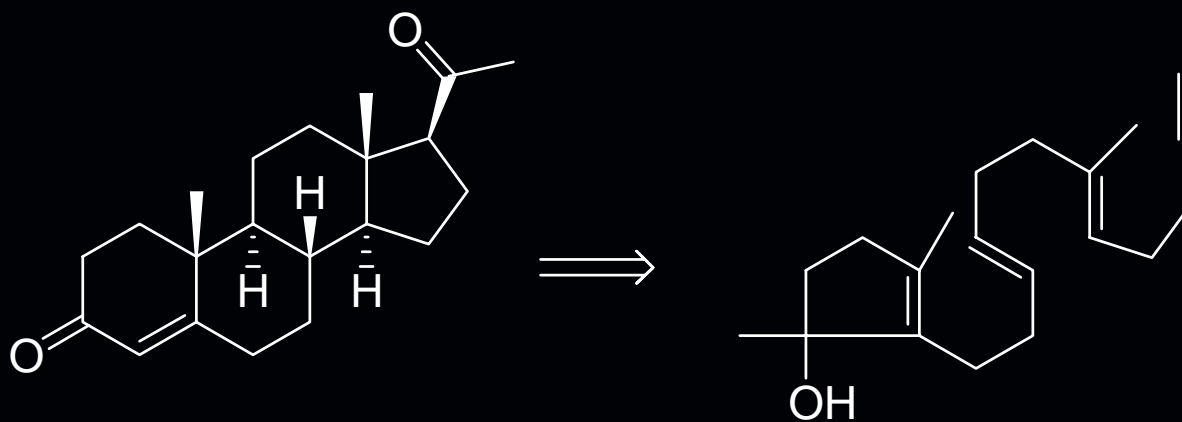


seychellene

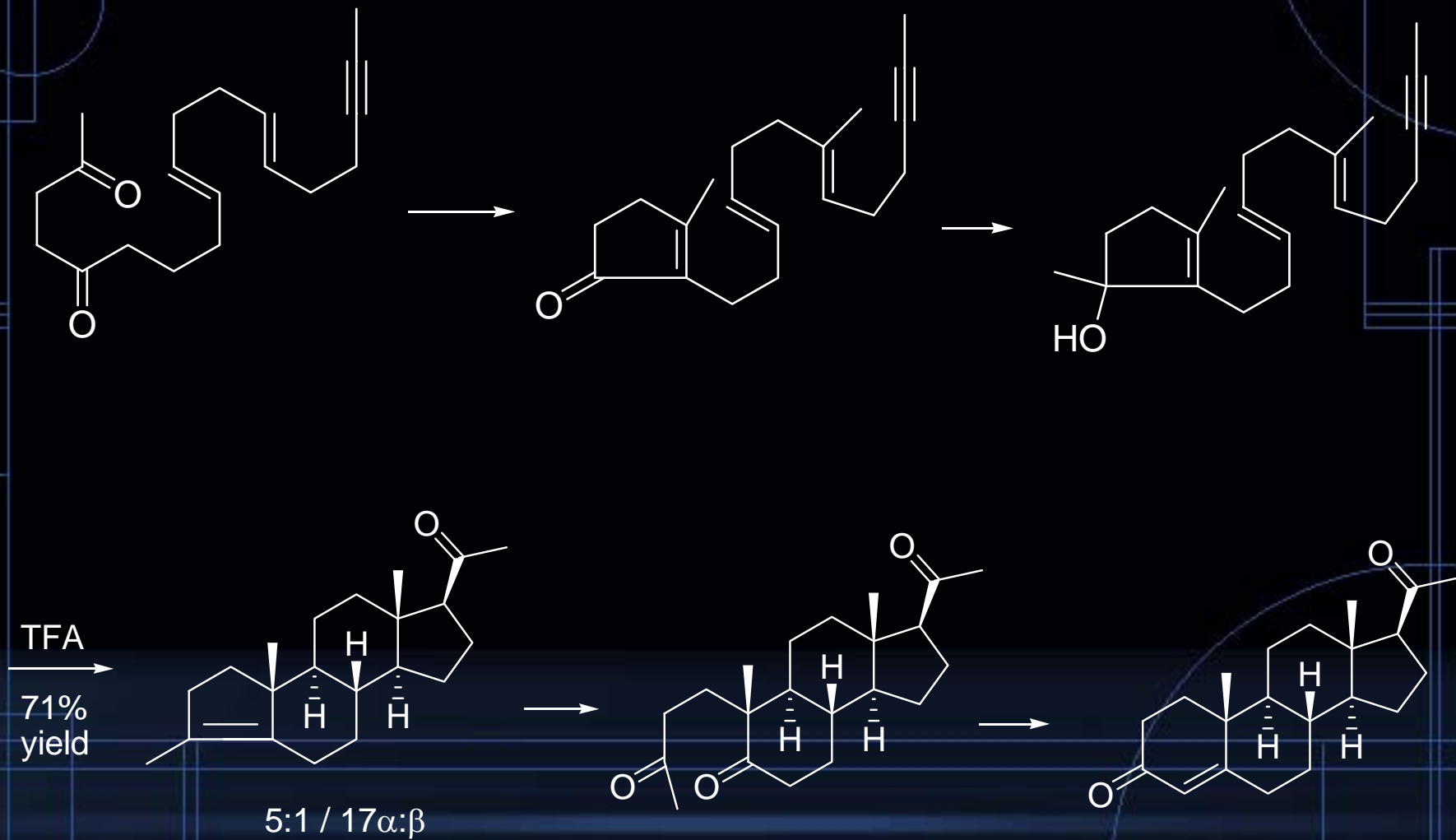


chelidonine

Total Synthesis of Progesterone



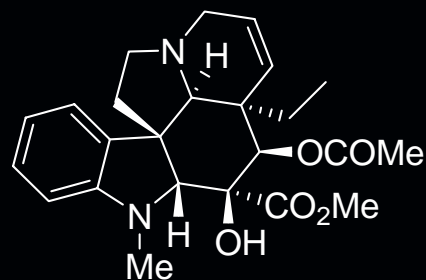
Total Synthesis of Progesterone



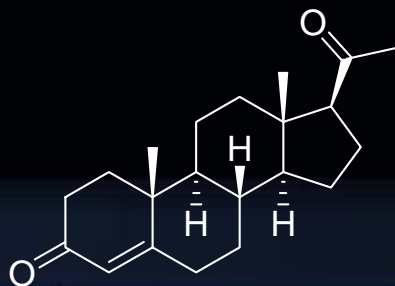
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carpanone



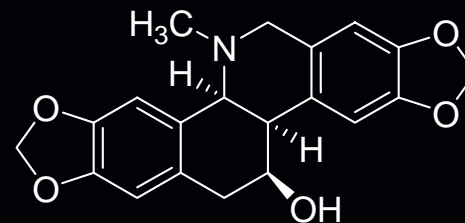
vindorosine



progestrone

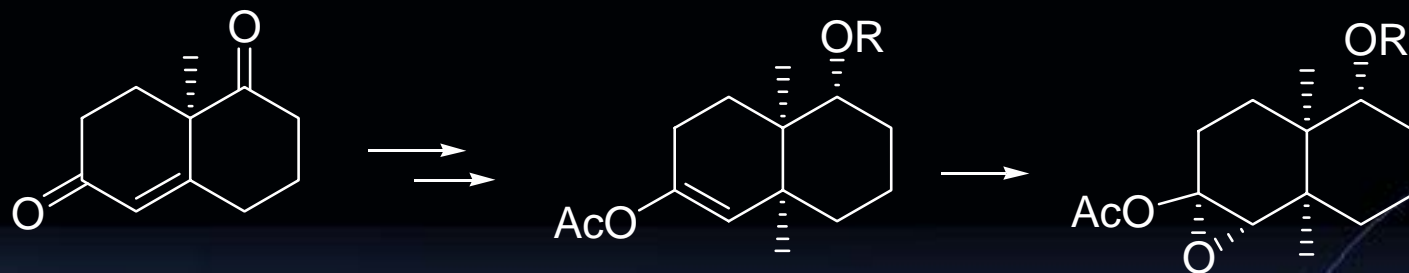
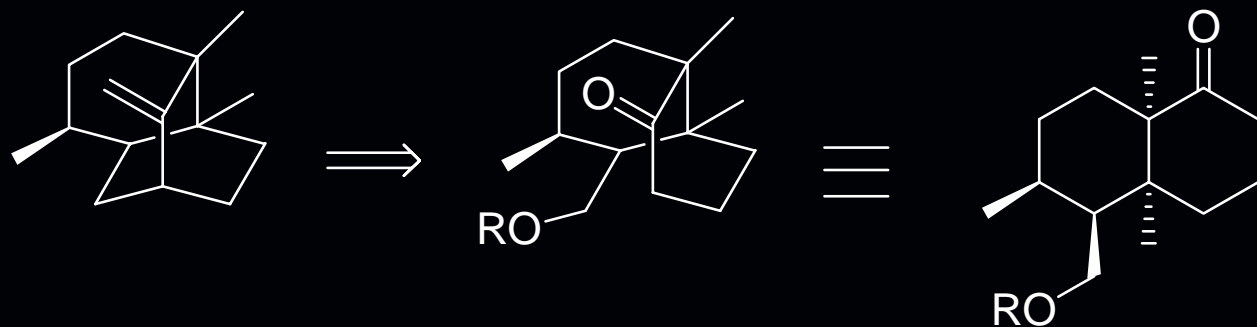


seychellene

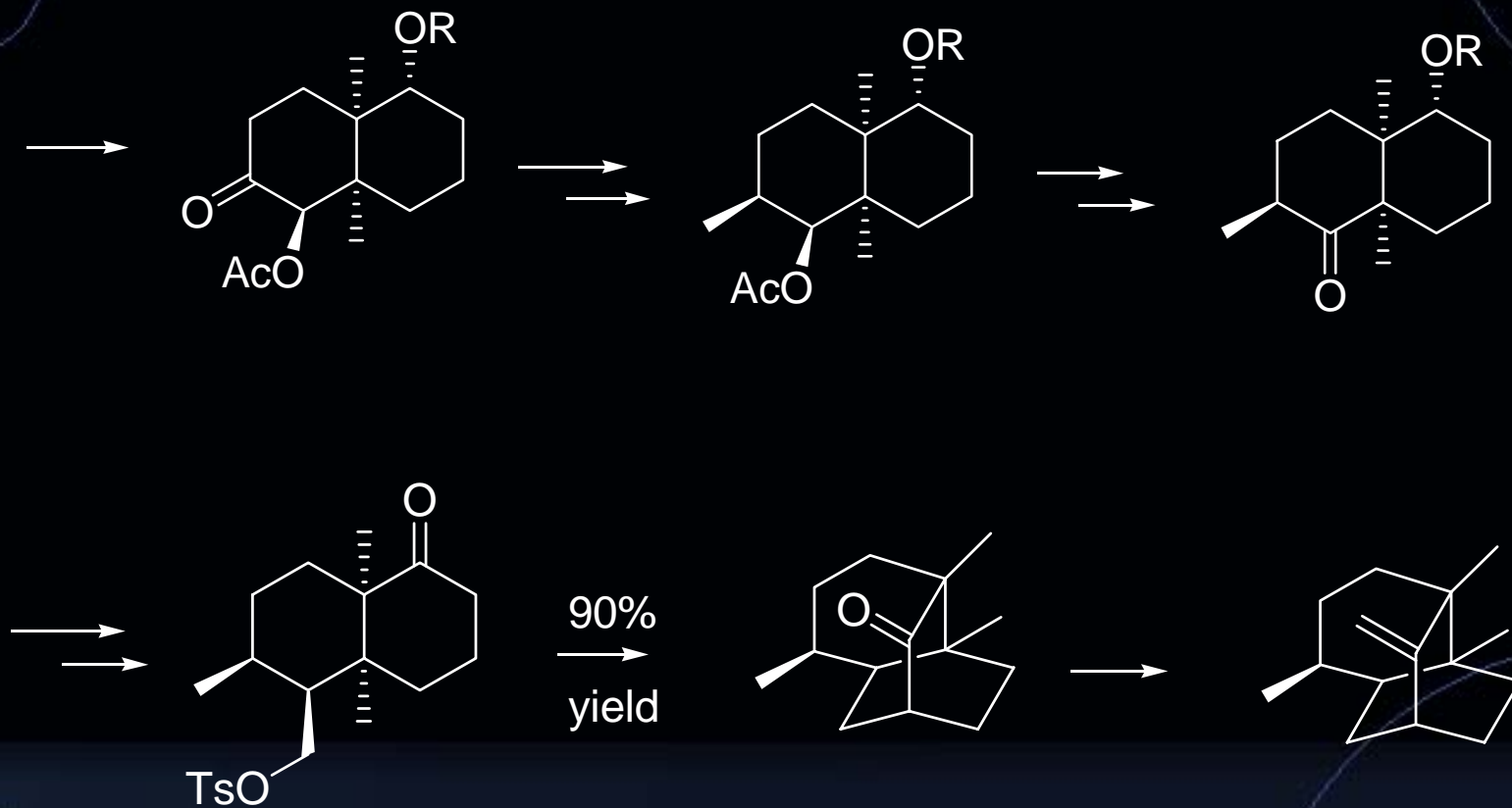


chelidonine

Total Synthesis of Seychellene



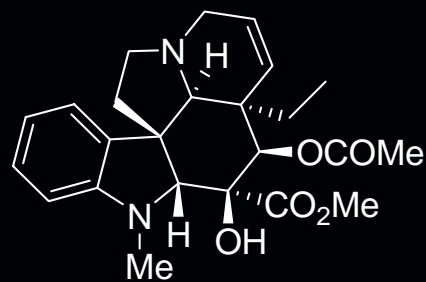
Total Synthesis of Seychellene



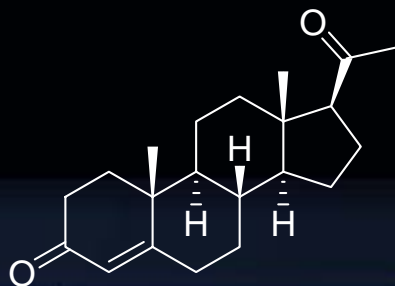
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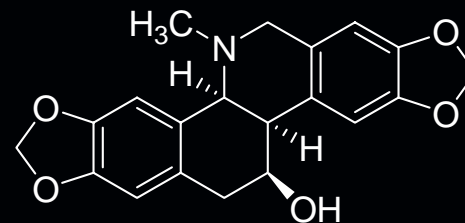
vindorosine



progestrone

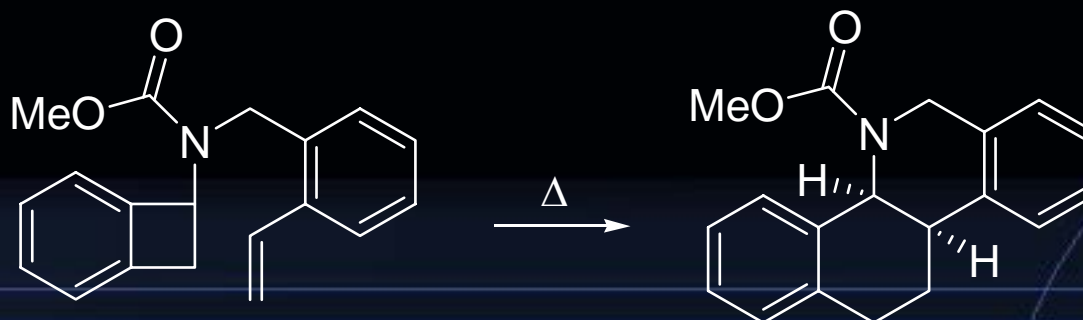
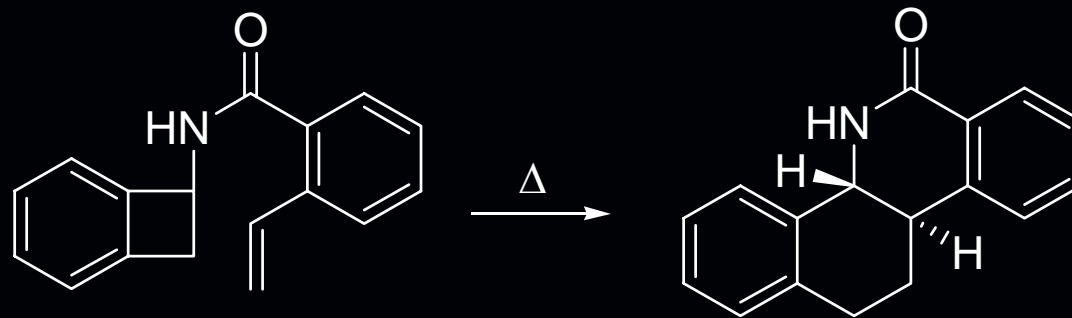


seychellene

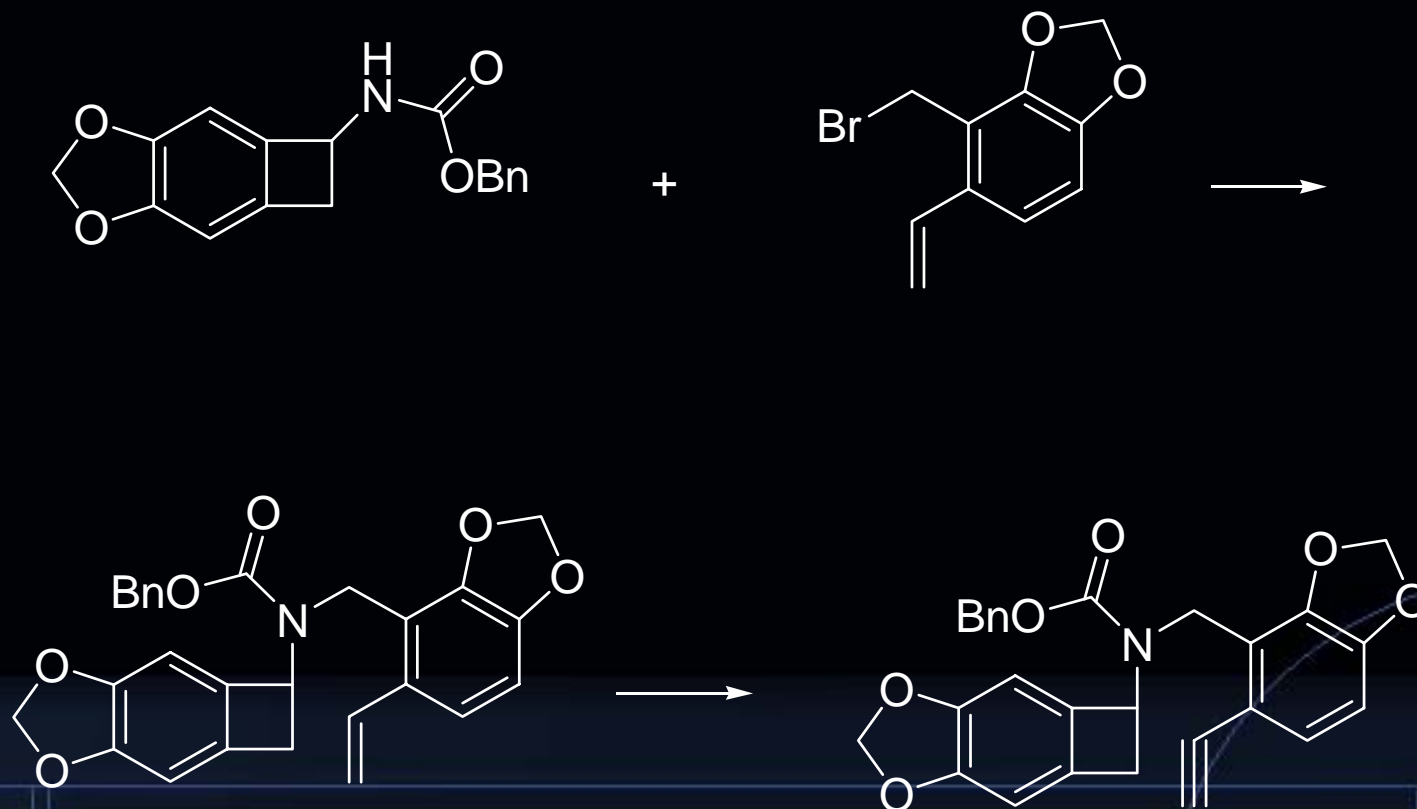


chelidonine

Total Synthesis of Chelidonene



Total Synthesis of Chelidonene



Total Synthesis of Chelidonene

