Synthesis of (+)-Haplophytine

**Significance:** The first total synthesis of haplophytine features a Friedel–Crafts alkylation to create the quaternary center in D and an oxidative rearrangement F → G → H.

**Comment:** The stereogenic center in tetrahydro-β-carbol ine A was installed via a Noyori asymmetric hydrogenation. The Fischer indole synthesis gave two regioisomers (5:3, K major).

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