Biogenetically Inspired Synthesis of Indole Alkaloids

**Significance:** Oguri and co-workers report elegant and concise syntheses of several types of indole alkaloids. Their biogenetically inspired strategy relies on the use of a dihydropyridine intermediate that enables access to five skeletally distinct scaffolds.

**Comment:** The key and multipotent intermediate D was prepared from C by copper-catalyzed dihydropyridine formation. By judicious choice of conditions, D could be converted into three structurally distinct natural products in very few steps.

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**Category**

Synthesis of Natural Products and Potential Drugs

**Key words**

iboga alkaloids
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