Total Synthesis of (±)-Ginkgolide B

**Significance:** Ginkgolide B is a diterpenoid isolated from *Ginkgo biloba*. The structural complexity and the biological properties of this natural product have fascinated chemists for decades.

**Comment:** Zinc homoenolate conjugate addition to A followed by cyclization yielded enone C. Conformational analysis led the authors to the discovery of a high-yielding photocycloaddition. Oxidative fragmentation and furan installation granted access to this intriguing molecule.

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