An Accelerated Intermolecular Rauhut–Currier Reaction Enables the Total Synthesis of (–)-Flueggenine C


**Total Synthesis of (–)-Flueggenine C**

**Significance:** Jeon and Han report the first total synthesis of the dimeric securinega alkaloid (–)-flueggenine C. The key dimerization step is enabled by a bio-inspired Rauhut–Currier reaction accelerated by the presence of an internal nucleophile. This reaction is pertinent in the biosynthesis of dimeric and oligomeric securinega alkaloids.

**Comment:** After efficiently synthesizing intermediate **C** in seven steps and 14% overall yield, the pivotal Rauhut–Currier dimerization and subsequent acetylation provided **D** in 74% yield. HWE olefination of **F** afforded unsaturated lactone **G**. The final ring closure was facilitated by SN2 displacement of a mesylate culminating at the natural product.