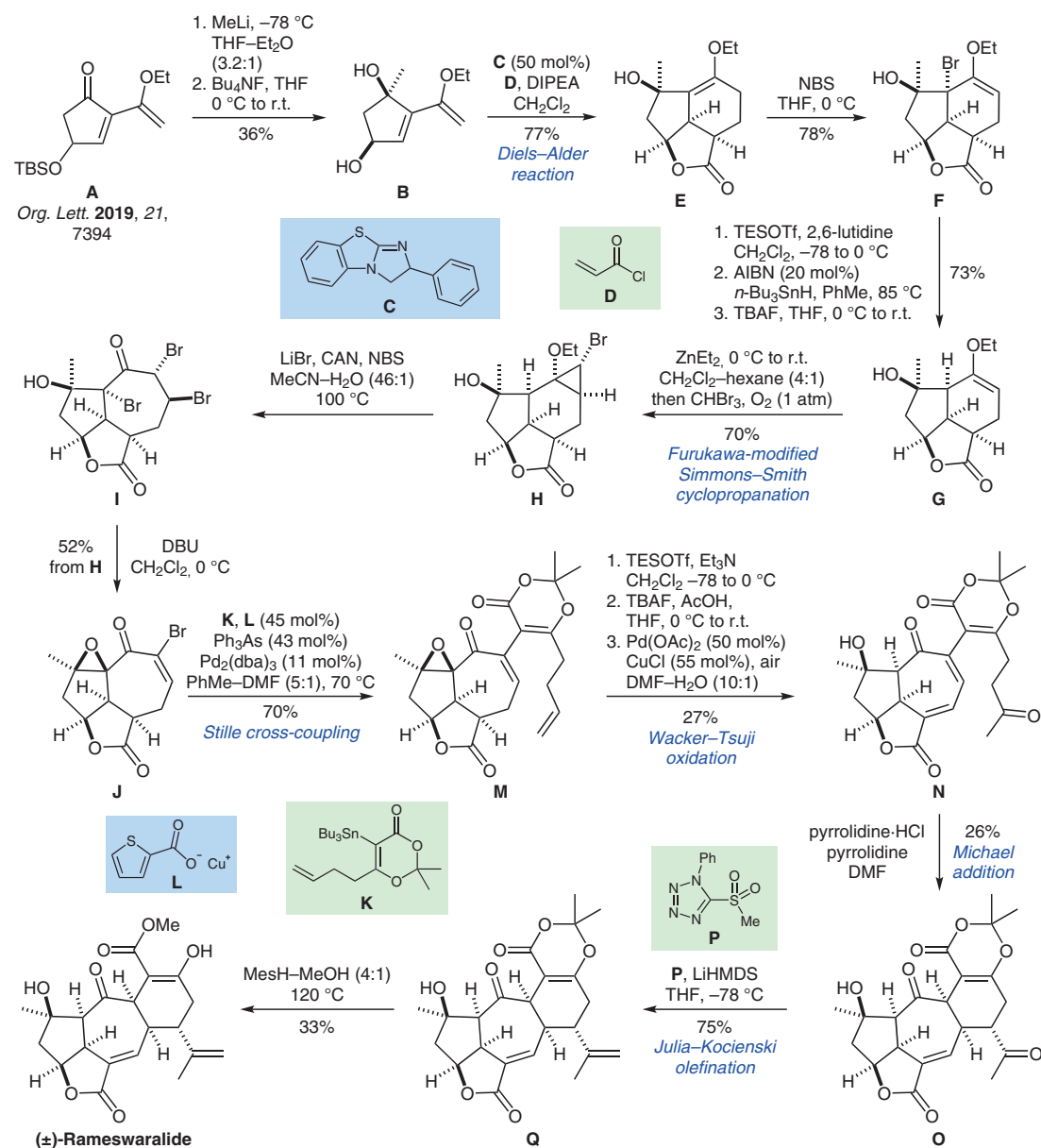


## Total Synthesis of (±)-Rameswaralide



**Significance:** Romo and co-workers report the first total synthesis of (±)-rameswaralide. The natural product is active against the A549 lung cancer cell line. The synthesis enabled study of the natural product and intermediates in assays for cytotoxicity.

**Comment:** The seven-membered ring in rameswaralide is accessed by cyclopropanation of enol ether **G** and subsequent ring expansion to the dibromide **I**. The precursor **N** for the Michael addition is accessed in a convergent manner by cross-coupling **J** and **K**.