

## Strategies for the Synthesis of Complex Bioactive Terpenoids

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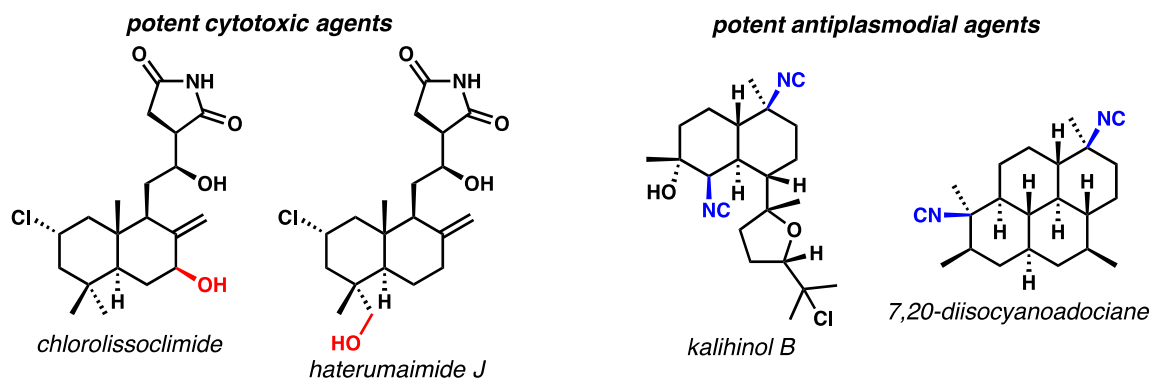
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### ABSTRACT

Complex molecule synthesis benefits from both methodological advances and strategic innovation. With the belief that a quality synthesis requires a solid strategy, our group focuses largely on synthesis design. Often, our targets are potentially valuable for their biological activities, in which case general applicability to a range of family members and/or unnatural analogues is incorporated into the design. Our current interests include polycyclic terpenoids, alkaloids, and polyhalogenated natural products, but this lecture will focus primarily on cytotoxic labdane diterpenoids and antiplasmodial isocyanoterpenes.

### GRAPHICAL ABSTRACT



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