

SUPPORTING INFORMATION

Total Synthesis of Dendroamide A: Oxazole and Thiazole Construction

Using an Oxodiphosphonium Salt

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Supporting Information

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General procedures (S2) and $^1\text{H}/^{13}\text{C}$ NMR spectra of compounds **1-13** (S3-S28)

General procedures: Unless otherwise stated, all reactions were carried out in flame-dried glassware under a dry argon atmosphere. All solvents were purchased from Fisher and were dried prior to use. "Regular workup" was as follows: the reaction mixture was diluted with EtOAc, washed with water, 10% NaHCO₃ (aq), water and brine, the organic layer was dried over anhydrous Na₂SO₄ and then filtered and concentrated under reduced pressure to yield the crude product. The chemical shift assignments for major diastereomers (not minor diastereomers) were reported.



















































