CHAPTER III

CONCLUSION

The acylation cyclization of a β-substituted allene using an acyl organocobalt reagent was not diastereoselective. Alternatively, the palladium catalyzed cyclization of β-hydroxy allene was found to proceed with 2:1 stereoselectivity. Such β-substituted allenes could therefore be precursors for amphorogynine alkaloids. Future work should involve the use of alternative N-protecting groups, such as carbamates or novel sulfonamides.