

FIRST ASYMMETRIC SYNTHESIS OF A C5-NOR STEMMADENINE – FROM ALLYLIC ALCOHOL–ALKYNE COUPLING TO THE DISCOVERY OF A POTENT NON-OPIOID ANALGESIC. Glenn C. Micalizio, Department of Chemistry, The Scripps Research Institute, Scripps Florida, 130 Scripps Way #3A2, Jupiter, FL 33458.

Chemical studies that span the development of allylic alcohol–alkyne reductive cross-coupling chemistry to applications in natural product synthesis will be discussed in the context of the first asymmetric synthesis of conolidine and the discovery of a potent non-opioid analgesic.