

Vikas Sikervar

Major: Chemistry

University: Indian Institute of Technology, Kanpur, India

Faculty Mentor: Dr. Michael Harmata

Faculty Department: Chemistry

Funded By: Stevens' Chemistry Program

The intramolecular, stereoselective addition of sulfoximine carbanions to electron deficient alkenes

Vikas Sikervar and Michael Harmata

Chiral Benzothiazine play important roles in synthetic organic chemistry since they can be used in the preparation of enantiomerically pure compounds. We have studied the synthesis of these species using the intramolecular, stereo selective addition of sulfoximine carbanions to general electron deficient alkenes. Details on the synthesis of starting material and cyclization reaction will be presented.

