

Name:

Chemistry 144 Experiment Selection

Experiment I:

Semimicro Scale Reaction 4

Experiment II: Select one from the list below.

Synthesis of Tropolone 31
Synthesis of Dihydrojsamone 34
Synthesis of Carpanone 38
Synthesis of 7,7-Dimethoxybicyclo[2.2.1]hept-5-en-2-one 41
Asymmetric Synthesis of Ibuprofen 72

Experiment III: Select one from the list below.

Photochemical Aporphine Synthesis 18
Synthesis of Dihydrojsamone 34
Enantioselective Enzymatic Synthesis of 8-Oxabicyclo[4.3.0]non-3-en-7-one . 50
Palladium Catalyzed Tandem Cyclization..... 54
Enantio- and Diastereoselective Aldol Condensations..... 58
Synthesis of 5,6-Dicarboxymethyl-8-phenylchroman..... 64