This Cluster provides insights into some of the most recent advances and aspects in the field of transformations catalyzed by organosulfur and organoselenium compounds. Enjoy eleven wonderful contributions by experts in this field!
H. Li  L. Liao  X. Zhao

K. Robb  S. Athavale  S. Denmark

T. Hashimoto

M.-H. Xu
Cover Page

Cluster

A. Dinh A. Nguyen J. Gustafson

photocatalyst Na₂S₂O₈, base additive MeCN–H₂O blue LED, 12 h, r.t.

NH₂

O

NH₂

S

S

O

N

O

NH₂

O

S

R

= alkyl or benzyl
18–78%
20 examples

S. D. Minteer
L. Yu

S. Kumar
S. Jana

L. Yu
X. Jiang

C₂-Symmetric Sulfur Based Chiral Catalyst for Bromolactonization

PhNH₂ + H₂O₂ (4-MeC₆H₄Se)₂ (cat.) aqueous HCl, 1 day

polyaniline 82%