

## Journal Publications

"The First Synthesis of bis-Fused 1,10-Phenanthrolines via Double Photocyclization of N,N-Disubstituted o-Phenylenediamine," T.A. Elmaaty and L.W. Castle, *Synthesis*, 9, 1402-1404, 2006.

"A New Methode for the Synthesis of Indeno[1,2-b]thiophene with Subsequent Ring Expansion to form Substituted Thieno[3,2-c]quinoline," L.W. Castle and T.A. Elmaaty, *J. Heterocycl. Chem.*, 43(3), 629, 2006.

"Facile Regiocontrolled Synthesis of Trialkylsubstituted Pyrazines," T.A. Elmaaty and L.W.Castle, *Organic Lett.*, 7(24), 5529-5530, 2005.

"Chromate Oxidation of a-Nitro Alcohols to a-Nitro Ketones: Significant Improvement to a Classic Method," T.A. Elmaaty and L.W. Castle, *Molecules*, 10, 1458-1461, 2005.

"Synthesis and Total <sup>1</sup>H-NMR Assignment of [1]Benzothieno[2,3-c][1,10]phenanthroline," A.P. Halverson, L.W. Castle, *J. Heterocyclic Chem.*, 33, 727, 1996.

"Synthesis of Two Novel Rings Systems via Photocyclization: Thieno[2',3':4,5]thieno-[2,3-c][1,10]phenanthroline," A.P. Halverson, R.N. Castle, L.W. Castle, *J. Heterocyclic Chem.*, 33 119, 1996.

"Synthesis and Total <sup>1</sup>H-NMR Assignment of Naphtho[1',2':4,5]thieon[2,3-c][1,10]phenanthroline," A.P. Halverson, R.N. Castle, L.W. Castle, *J. Heterocyclic Chem.*, 33, 179, 1996.