

Acyl Transfer Reactions Involving Thiol Esters

33. T.C. Bruice. The Chemistry and Biochemistry of the Acyl Thiols. In *Organic Sulfur Compounds*; Kharasch, N.; Ed.; Pergamon Press, **1961**; Ch. 35, 421-42.
46. T.C. Bruice; J.J. Bruno and W-S. Chou. Nucleophilic Displacement Reactions at the Thiol-Ester Bond of δ -Thiolvalerolactone. *J. Am. Chem. Soc.* **1963**, *85*, 1659.
51. T.C. Bruice and L.R. Fedor. The Kinetic Demonstration of a Metastable Intermediate in a Nucleophilic Displacement at a Thiol-Ester Bond. *J. Am. Chem. Soc.* **1964**, *86*, 738.
52. T.C. Bruice and L.R. Fedor. O- vs. N-Attack of Hydroxylamine on n-butyl Thiolacetate and the Establishment the N-Attack Passes through a Metastable Intermediate. *J. Am. Chem. Soc.* **1964**, *86*, 739.
55. L.R. Fedor and T.C. Bruice. Nucleophilic Displacement Reactions at the Thiolester Bond. II. Hydrazinolysis and Morpholinolysis in Aqueous Solutions. *J. Am. Chem. Soc.* **1964**, *86*, 4117.
59. T.C. Bruice and L.R. Fedor. Nucleophilic Displacement Reactions at the Thiolester Bond. III. Kinetic Demonstrations of Metastable Intermediates in the Hydroxylaminolysis and Methoxylaminolysis of Thioesters and Thilactones in Aqueous Solutions. *J. Am. Chem. Soc.* **1964**, *86*, 4886.
60. L.R. Fedor and T.C. Bruice. Kinetic Evidence for the Formation of a Tetrahedral Intermediate in the Aqueous Solvolysis of Ethyl Trifluorothiolacetate. *J. Am. Chem. Soc.* **1964**, *86*, 5697.
67. L.R. Fedor and T.C. Bruice. Nucleophilic Displacement Reactions at the Thiol Ester Bond. IV. General Base Catalyzed Hydrolysis of Ethyl Trifluorothiolacetate. Kinetic Evidence for the Formation of Tetrahedral Intermediate. *J. Am. Chem. Soc.* **1965**, *87*, 4138.
81. M.J. Gregory and T.C. Bruice. Nucleophilic Displacement Reactions at the Thiol Ester Bond. V. Reactions of 2,2,2- Trifluoroethyl Thiolacetate. *J. Am. Chem. Soc.* **1967**, *89*, 2121.
91. N.G. Kundu and T.C. Bruice. A Reinvestigation of the Reaction of Piperidine with 2,2,2-Trifluoroethyl Thiolacetate. *J. Org. Chem.* **1968**, *33*, 422.
113. T. Maugh and T.C. Bruice. Cyanolysis of Ethyl Thiolacetate. *J. Chem. Soc., Chem. Commun.* **1969**, *18*, 1056-7.
149. G.J. Kasperek and T.C. Bruice. Intramolecular Catalysis in the Aminolysis of Thiol Esters. *J. Org. Chem.* **1972**, *37*, 1456.