

Publications Related to the AIC Mass Spectrometry Facility

2001

1. West, C.W., M.A. Estiarte, and D.H. Rich, *New Methods for Side-Chain Protection of Cysteine*. *Organic Letters*, 2001. **3**(8): p. 1205–1208.
2. Travins, J.M., et al., *Aspartic Protease Inhibitors: Expedient Synthesis of 2-Substituted Statines*. *Organic Letters*, 2001. **3**(17): p. 2725–2728.
3. Sok, D.E. and C.J. Sih, *Difference in susceptibility of tyrosine residue to oxidative iodination between a thioredoxin box region and a hormonogenic region*. *Archives of Pharmacal Research*, 2001. **24**(5): p. 446–454.
4. Ripka, A.S., et al., *Aspartic Protease Inhibitors Designed from Computer-Generated Templates Bind As Predicted*. *Organic Letters*, 2001. **3**(15): p. 2309–2312.
5. Rich, D.H., et al., *Merging Rational Drug Design with Combinatorial Chemistry: Reasonable and Unreasonable Expectations*. *Medicinal Chemistry into the Millennium*, ed. M.M. Campbell. 2001: I.S. Blagbrough Royal Society of Chemistry. 16–24.
6. Oost, T.K., C. Sukonpan, and D.H. Rich, *Design and synthesis of substrate based inhibitors of botulinum neurotoxin type B metalloprotease*. *Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10–15, 2000*, 2001: p. 23–25.
7. Kao, W.J., D. Lok, and J. Li, *Preparation of heterodifunctional polyethyleneglycols: network formation, characterization, and cell culture analysis*. *J Biomater Sci Polym Ed*, 2001. **12**(6): p. 599–611.
8. Estiarte, M.A., A.M. Elder, and D.H. Rich, *Synthetic progress towards a TMC-95 analog as a potential proteasome inhibitor*. *Peptides: The Wave of the Future, Proceedings of the Second International and the Seventeenth American Peptide Symposium, San Diego, CA, United States, June 9–14, 2001*, 2001: p. 532–533.
9. Dales, N.A., et al., *Design and Synthesis of Unsymmetrical Peptidyl Urea Inhibitors of Aspartic Peptidases*. *Organic Letters*, 2001. **3**(15): p. 2313–2316.
10. Bursavich, M.G., C.W. West, and D.H. Rich, *From Peptides to Non-Peptide Peptidomimetics: Design and Synthesis of New Piperidine Inhibitors of Aspartic Peptidases*. *Organic Letters*, 2001. **3**(15): p. 2317–2320.
11. Bursavich, M.G. and D.H. Rich, *Solid-Phase Synthesis of Aspartic Peptidase Inhibitors: 3-Alkoxy-4-Aryl Piperidines*. *Organic Letters*, 2001. **3**(17): p. 2625–2628.
12. Bursavich, M.G. and D.H. Rich, *Solution and solid phase synthesis of non-peptide peptidomimetic aspartic peptidase inhibitors*. *Peptides: The Wave of the Future, Proceedings of*

the Second International and the Seventeenth American Peptide Symposium, San Diego, CA, United States, June 9–14, 2001, 2001: p. 537–538.

13. Brewer, M. and D.H. Rich, *Synthesis of a Tripeptide Derivative Containing the Phe-Arg Hydroxyethylene Dipeptide Isostere*. *Organic Letters*, 2001. **3**(6): p. 945–948.

14. Brewer, M. and D.H. Rich, *One-pot conversion of azides to protected guanidines via the Staudinger reduction; synthesis and utilization of the Phe-Arg hydroxyethylene dipeptide isostere*. *Peptides: The Wave of the Future, Proceedings of the Second International and the Seventeenth American Peptide Symposium, San Diego, CA, United States, June 9–14, 2001*, 2001: p. 40–41.