

Publications Related to the AIC Mass Spectrometry Facility

2002

1. Shen, B., Y.-Q. Cheng, and G.-L. Tang, *Leinamycin biosynthesis gene cluster of Streptomyces atroolivaceus and its use in the development of leinamycin analogs*. 2002, (The Regents of the University of California, USA; Kyowa Hakko Kogyo Co., Ltd.). Application: WO WO. p. 185 pp.
2. Rich, D.H., M.G. Bursavich, and M.A. Estiarte, *Discovery of nonpeptide, peptidomimetic peptidase inhibitors that target alternate enzyme active site conformations*. Biopolymers, 2002. **66**(2): p. 115–25.
3. Park, Y., et al., *Effects of conjugated linoleic acid (CLA) metabolites and cognates in heparin-releasable lipoprotein lipase activity in 3T3-L1 adipocytes*. FASEB Journal, 2002. **16**(4): p. A224–A224.
4. Liu, W., et al., *Biosynthesis of the enediyne antitumor antibiotic C-1027*. Science, 2002. **297**(5584): p. 1170–3.
5. Kwon, H.J., et al., *C-O bond formation by polyketide synthases*. Science, 2002. **297**(5585): p. 1327–30.
6. Kao, W.J., J. Li, and D. Lok, *Bifunctional-modified hydrogels containing polyethylene glycol derivatives*. 2002, (Wisconsin Alumni Research Foundation, USA). Application: WO WO. p. 82 pp.
7. Comstock, L.R. and S.R. Rajski, *Expedient synthesis of aziridine-based cofactor mimics*. Tetrahedron, 2002. **58**(30): p. 6019–6026.
8. Cheng, Y.-Q., G.-L. Tang, and B. Shen, *Identification and localization of the gene cluster encoding biosynthesis of the antitumor macrolactam leinamycin in Streptomyces atroolivaceus S-140*. Journal of bacteriology, 2002. **184**(24): p. 7013–24.
9. Bursavich, M.G. and D.H. Rich, *Designing Non-Peptide Peptidomimetics in the 21st Century: Inhibitors Targeting Conformational Ensembles*. Journal of Medicinal Chemistry, 2002. **45**(3): p. 541–558.
10. Brewer, M. and D.H. Rich, *Sequencing hydroxyethylamine-containing peptides via Edman degradation*. Organic Letters, 2002. **4**(20): p. 3469–72.
11. Bililign, T., et al., *On the origin of deoxypentoses: evidence to support a glucose progenitor in the biosynthesis of calicheamicin*. ChemBioChem, 2002. **3**(11): p. 1143–6.
12. Ahlert, J., et al., *The calicheamicin gene cluster and its iterative type I enediyne PKS*. Science, 2002. **297**(5584): p. 1173–6.