



CURRICULUM VITAE of Dr. LIU BO (doctliu@263.net)

Name: LIU BO

Academic qualifications:

1997.9-2001.7 B. Sc Department of Medicinal Chemistry, Peking University, Beijing, China
2001.9-2006.7 Ph. D. Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China

Previous academic positions held:

2006.8-2008.8 Postdoctoral Research Associate Department of Medicinal Chemistry, University of Mississippi, USA
2008.8-2010.9 Research Scholar Department of Pharmaceutical Chemistry, University of California, San Francisco, USA

Present academic position:

2010.10- Associate Professor Bo Liu's Team, Team of Chemical Research and Structural Optimization based on Chinese Materia Medica (www.gdhtcm.com), Guangdong Provincial Academy of Chinese Medical Sciences, (The Second Clinical Hospital of Guangzhou University of Chinese Medicine)

Previous relevant research work:

Technical expertise Design, synthesis, and biological activity evaluation of progesterone receptor antagonist, anti-osteoporosis chelating agents, selective estrogen receptor modulators (SERMs)
Research area Biotransformation and structural optimization of compounds in herbal plants and from natural resources.

Publication Records: 4 Theses; 1 Review; 12 SCI Papers; Sum of the Times cited (excluding self-citation):19; h-index: 3.1

Ten Representative publications in the past ten years

1. **Liu B (Corresponding Author)**, Han XD, Zhang MT, XU FF, Zhou W, Jiao H. Application AQC as a pre-column derivatization reagent for HPLC determination of free amino acids in *Borojo sorbilis Cuter*. **Acta Scientiarum Naturalium UN**. 2013 Jul;52(4):100-104.
2. **Liu B (Corresponding Author)**, Zhou W, Ye J, Xu FF, Shao YR, Li JW, Zhang XD. Study on synthesis of 6-aminoquinoline. **Fine Chemical Intermediates**. 2012 Dec;42(6): 28-30.
3. Xu FF, Zhang XQ, Zhang J, **Liu B**, Jiang J, Wang WJ, Gao MH, Jiang RW, Ye WC. Two methyl-migrated 16,17-seco-dammarane triterpenoid saponins from the seeds of *Hovenia acerba*. **Journal of Asian Natural Products Research**. 2012, 14:135-14
4. Carvalho P, **Liu B**, Wu YS, Williamson JS, Avery MA. 7 β -hydroxyartemisinin. **Acta Cryst**. 2008, E64: 395-396.
5. Chen WH, **Liu B**, Yang CH, Xie YY. Convenient synthesis of 1, 2, 3, 4-tetrahydroquinolines via direct intramolecular reductive ring closure. **Tetrahedron. Lett**. 2006, 47:7191-7193.
6. Yang CH, Xu GY, Li J, Wu XH, **Liu B**, Yan XM, Wang MW, Xie YY. Benzothiophenes containing a piperazine side chain as selective ligands for the estrogen receptor α and their bioactivities in vivo. **Bioorg.Med.Chem.Lett**. 2005, 15(5):1505-1507.
7. **Liu B**, Yang CH, Xu GY, Zhu YH, Cui JR, Wu XH, Xie YY. Syntheses of Quinolone Hydrochloride Enantiomers from Synthons (R)-and (S)-2-methylpiperazine. **Bioorg.Med.Chem**. 2005,13(7):2451-2458.
8. Xu GY, Yang CH, **Liu B**, Wu XH, Xie YY. Catechol-Bisphosphonate Conjugates: New Potential Chelating Agents for Metal Intoxication Therapy. **Chinese Chemical Letters**. 2004, 15(12):1403-1406.
9. Xu GY, Yang CH, **Liu B**, Wu XH, Xie YY. Synthesis of New Potential Chelating Agents: Catechol-Bisphosphonate Conjugates for Metal Intoxication Therapy. **Heteroatom Chemistry**. 2004, 15(3):251-257.
10. **Liu B**, Xu GY, Yang CH, Wu XH, Xie YY. A Novel and Facile Method to Synthesize (R) and (S)-2-methylpiperazine. **Synthetic Communications**. 2004, 34 (22):4111-4118.