

## 1999

1) Copper(II) Chloride Dihydrate: A Catalytic Agent for the Deprotection of Tetrahydropyranyl Ethers (THP Ethers) and 1-Ethoxyethyl Ethers (EE Ethers)

Jianbo Wang, Chao Zhang, Zhaohui Qu, Yihua Hou, Bei Chen and Peng Wu

*J.Chem.Research (S)*, **1999**, 294-295

2 Intramolecular N-H insertion of  $\alpha$ -diazocarbonyls catalyzed by Cu(acac)<sub>2</sub>: An efficient route to derivatives of 3-oxoazetidines, 3-oxopyrrolidines and 3-oxopiperidines

Jianbo Wang, Yihua Hou and Peng Wu

*J.Chem.Soc.,Perkin Trans.1*, **1999**, 2277-2280

3) Stereoselective synthesis of enantiomerically pure 4,5-disubstituted pyrrolidinones from  $\alpha$ -amino esters

Jianbo Wang, Yihua Hou, Peng Wu, Zhaohui Qu and Albert S.C.Chan

*Tetrahedron: Asymmetry*, **1999**, 4553-4561

4) Synthesis of 1,5-Benzothiazepine-1-Oxide/-1,1-Dioxide Derivatives and 1,2-Oxazirino[2,3-  
] [1,5]Benzodiazepine

Jiaxi Xu, Bo Liang and Sheng Jin

*Phosphorus Sulfur and Silicon*, **1999**, Vol.152, 1-8

5) Synthesis of Phosphonopeptides Containing 1-Aminoalkylphosphonic Acid

Jiaxi Xu, ChengFeng Xia, LiYu and Qingzhong Zhou

*Phosphorus Sulfur and Silicon*, **1999**, Vol.152, 35-44

6) Synthesis , Structure and Antitumor Activities of Tridecapeptide PSPP3 from *Papaver Somniferum* Polen

Jiaxi Xu, Sheng Jin

*Chinese Chemical Letters*, **1999**, Vol.10, No.2, 115-116

7 Prediction, Synthesis and Antigenicity of the Antigenic Peptides of 26 kDa Clutathione S-Transferase of Schistosoma Japonicum

Jiaxi Xu, Mengshen Cai

*Chinese Chemical Letters*, **1999**, Vol.10, No.1, 27-28

8) Thermal Cycloaddition Reaction of Symmetrical and Unsymmetrical -Diazos- -Diketones with 4-Aryl-2-methyl-2,3-dihydro-1,5-benzothia/diazepines

Jiaxi Xu and Sheng Jin

*Heteroatom Chemistry*, **1999**, Vol.10, No.1, 35-40

9) Cycloaddition of benzoheteroazepine II Reaction and conformations of cycloadducts on 1,5-benzothiazepines and 1,5-benzodiazepines with nitrile imine and nitrile oxides

XU Jia-Xi, WU Hai-Tao, JIN Sheng

*Chinese Journal of Chemistry*, **1999**, Vol.17, No.1, 84-91

10) Crystal Structure of 1,1-Dichloro-3-dichloromethyl-1a-3-dipenyl-1a,2,3,4-tetrahydro-1H-azirino[1,2-a][1,5]benzodiazepine (C<sub>23</sub>H<sub>18</sub>Cl<sub>4</sub>N<sub>2</sub>)

XU Jia Xi, ZHANG Xin-Yu and JIN Sheng

*Chinese J. Struct. Chem.* **1999**, Vol.18, No.2, 154-158

11) 28kDa S- P141

**1999** 35 2 162-166

12

**1999** 35 2 178-182

13 HEV

**1999** 34 4 286-289

**1999**      44      9      947-950

15 Simple and effective detection method for gene expression product of transgenic plant  
 Xu Jiaxi, MA Mi, MA Yuan and LIN Zhongping

*Chinese Science Bulletin*, **1999**, Vol.44, No.10, 912-916

16)

**1999**    Vol.20, No.5, 722-726

17) Fast-atom Bombardment Mass Spectrometric Studies of Trisubstituted 3a,4,5,11-Tetrahydro-1,2,4-Oxadiazolo[5,4-d][1,5]benzothiazepines  
 Jiaxi Xu, Haitao Wu and Sheng Jin

*Rapid Commun. Mass Spectrom.*, **1999**, 13, 908-911

18) Methyl(2S)-2-[(5R)-3,5-diphenyl-4,5-dihydro-1,2,4-oxadiazol-4-yl]-3-phenyl-propanoate  
 Jiaxi Xu, Xiaoyu Li, Zhemin Wang, Qingcchuan Yang and Chunhua Yan

*Acta Cryst.*, **1999**, C55, 650-652

19)

**1999**      7      2      153-158

20                26ku                S-                Sj26

**1999**      16      3      37-40

21) Crystal Struture of Triethyl 6-benzoyl-3a-(4-fluorophenyl)-2,3,3a,4,5,6-hexahydro-5-methyl-

1H-pyrro[1,2-a][1,5]benzodiazepine-1,2,3-tricarboxylate  
WANG Hong-Zhong, XU Jia-Xi, MI Bao-Yu, JIN Sheng

*Chinese J. Struct. Chem.*, **1999**, Vol.18, No.4, 254-258

22) Crystal Struture of Ethyl 4-benzoyl-1a,2,3,4-tetrahydro-3-methyl-1a-(4-methylphenyl)-1H-azirino[1,2-a][1,5]benzodiazepine-1-carboxylate ( $C_{28}H_{28}N_2O_3$ )  
WANG Hong-Zhong, XU Jia-Xi, MI Bao-Yu, JIN Sheng

*Chinese J. Struct. Chem.*, **1999**, Vol.18, No.4, 263-266

23) Crystal Struture of 1,1-Diachloro-4-formyl-3-emthyl-1a-phenyl-1a,2,3,4-tetrahydro-1H-azirino[1,2-a][1,5]benzodiazepine ( $C_{18}H_{16}Cl_2N_2O$ )  
XU Jia-Xi, ZHANG Xin-Yu, JIN Sheng

*Chinese J. Struct. Chem.*, **1999**, Vol.18, No.4, 267-270

24) Synthesis and Crystal Struture of 4,6,-Di-tert-butyl-2-hydroxy-3-(N-1-phenylethyliminomethyl)phenyl bis (triphenylphosphine)palladium bromide  
XU Jia-Xi, ZHANG Ze-Ying

*Chinese J. Struct. Chem.*, **1999**, Vol.18, No.4, 290-295

25) Synthesis and Crystal Struture of Triethyl 1,2,2-triphenylpyrrolidine-3,4,5-tricarboxylate, A Proline Derivative  
XU Jia-Xi, JIAO Peng, WANG Ze-Min

*Chinese J. Struct. Chem.*, **1999**, Vol.18, No.4, 310-314

26) Mass Spectral Fragmentation Patterns of 1a,3-Diaryl-1,1,4,4-tetrachloro-1a,2,3,4-tetrahydro-1H-azirino[2,1-e][1,6]benzothiazocines  
Jiaxi Xu, Ruoxi Lan and Sheng Jin

*Rapid Commun. Mass Spectrom.*, **1999**, 13, 1511-1514

27) Electron Impact Mass Spectra of 1a,3-Disubatituted 1,1-Dichloro-1,1a,2,3-tetrahydroazirino[2,1-d][1,5]benzothiazepines  
Jiaxi Xu, Ruoxi Lan and Sheng Jin

*Rapid Commun. Mass Spectrom.*, **1999**, 13, 1506-1510

28) Cycloaddition of benzoheteroazepine III Reaction of 2,3-dihydro-1H-1,5-benzodiazepines with dichlorocarbene and stereo-structures of products

ZHANG Xin-Yu, XU Jia-Xi, JIN Sheng

*Chin. J. Chem.*, **1999**, Vol.17, No.4, 404-410

29) A New Rearrangement Reaction of 2-Phenyl Substituted Benzothiazapine with Ethoxycarbonyl Carbene---Mechanism of the Reaction and Struture of the Product

Hong Zhong WANG, Dan YAO, Ruo Xi LAN, Jia Xi XU, Sheng JIN

*Chinese Chemical Letters*, **1999**, Vol.10, No.8, 625-628

30) 1,3a,5-Triphenyl-3a,4,5,6-tetrahydro-1,2,4-oxadiazolo[4,5-a][1,5]benzodiazepine

Jiaxi Xu and Sheng Jin

*Acta. Cryst.*, **1999**, C55, 1579-1581

31) The Mass Spectral Fragmentation of 1a,3-Disubstituted 4-Benzoyl-1a,2,3,4-tetrahydrooxazirino[2,3-a][1,5]benzodiazepines

Jiaxi Xu, Liangbi Chen

*Rapid Commun. Mass Spectrom.*, **1999**, 13, 2424-2427

32 Enzymatic Synthesis of Oligopeptides in Mixed Reverse Micelles

Guo-wen Xing, Dao-jun Liu, Yun-hua Ye and Ji-ming Ma

*Tetrahedron Letters*, **1999**, 40, 1971-1974 (Sci.).

33 3-(Diethoxyphosphoryloxy)-1,2,3-benzotriazin-4-(3H)-one (DEPBT): A New Coupling Reagent With Remarkable Resistance to Racemization,

Hai-tao Li, Xiao-hui Jiang, Yun-hua Ye, Chongxu Fan, Tood Romoff and Murray Goodman,

*Organic Letters*, **1999**, 1, 91-93 (Sci.).

34) Enantiomeric separation of promethazine and D,L- - amino-4-(1,2-dihydro-2-oxo-quinoline)]

propionic acid drugs by capillary zone electrophoresis using albumin as chiral selectors Xin-Xiang  
Zhang, Feng Hong, Wen-Bao Chang, Yun-Xiang Ci, Yun-Hua Ye

*ANALYTICA CHIMICA ACTA*, **1999**, 392, 175-181(Sci.).

35)

-  
**1999**, 35 4 441-445.

36) Application of novel organophosphorus compounds as coupling reagents for the synthesis of bioactive peptides, Yun-hua Ye, Chong-xu Fan, De-yi Zhang, Hai-bo Xie, Xiao-lin Hao and Gui-ling Tian

*Peptides: Frontiers of Peptide Science* **1999**, 337-338

37) Enzymatic synthesis of oligopeptides in organic solvents  
Y.-H. YE, G.-W. XING, G.-L. TIAN, G.CHEN and C.X.LI, ,

*PEPTIDE SCIENCE: PRESENT AND FUTURE* **1999**, 527

38) Study of zracemization in peptide synthesis for a phosphoryloxy-benzotriazin-one coupling reagent ( DEPBT )  
H. Li, X. JIANG, Y.-H. YE, C.-X. FAN and M. GOODMAN

*PEPTIDE SCIENCE: PRESENT AND FUTURE* **1999**, 530

39 Electron impact mass spectral characteristics and fragmentation pathways of isomeric tetradecadien-1-ols  
Yuan Gu, He MY, Wang GJ, Wang QB,

*Rapid Commun.Mass Spectrom.*, **1999**, 13, 1

40 Synthesis of Amide Containing N-methylpyrrole and N-methylimidazole  
Huang, W.-Q.; Xiao, J.-H.; Zhang, D.-S.; Yuan, G.; Zhang, G.-L.

, **1999**, 38 504

41 Study On the Design and Synthesis of DNA Recognition Molecular--Polyamide

Xiao, J.-H.; Huang, W.-Q.; Tang, F.-L; Yuan, G; Chan, A.S.C.; Lee, K.-L.D.; Zhang, G.-L.

, **1999**, 38, 503