

[An iRGD Based Strategy to Study Electrochemically the Species Inside a Cell](#)

L Ning, X Li, X Ding, Y Yin, G Li - International Journal of Molecular ..., 2012 - mdpi.com

...enhancing the penetration of tumor cells, the RGD motif mediates binding to αv integrins firstly on tumor endothelium followed by a proteolytic cleavage ... iRGD peptide (CRGDKGPDC) and control peptide (LRRASLGGGGC) were synthesized by China Peptides Co., Ltd. ...

[Characterization of leukemic cell behaviors in a soft marrow mimetic alginate hydrogel](#)

TTT Vu, C Lim, M Lim - ... of Biomedical Materials Research Part B ..., 2012 - Wiley Online Library

...Conjugation with RGD peptides promoted further cell growth (43 folds ... according to a previously described protocol.14 The GGGGRGDSP peptide was purchased from China Peptides (Shanghai, China ... Cells were cultivated at 37 °C in a fully humidified 5% CO₂ incubator for up ...

[A graphene oxide-based fluorescent aptasensor for the turn-on detection of epithelial tumor marker mucin 1](#)

Y He, Y Lin, H Tang... - Nanoscale, 2012 - xlink.rsc.org

...(China). The MUC1 peptide with two repeats of the 20 amino acid variable tandem repeat region (from the N terminus to the C terminus:

PDTRPAPGSTAPPAHGVTSA PDTRPAPGSTAPPAHGVTSA)

was purchased as a custom synthetic peptide from the ChinaPeptides Co., Ltd. ...

[MRM-based determination of bovine \$\alpha\$ -lactalbumin in infant formulas and whey protein concentrates by ultra-high performance liquid chromatography-tandem mass ...](#)

J Zhang, S Lai, Y Zhang, B Huang, D Li... - Analytica Chimica Acta, 2012 - Elsevier

...The signature peptide standard VGINYWLAHK (corresponding to amino acid residues 99-108 of bovine α -lactalbumin) and internal standard peptides VGINYFLAHK, VGINYPLAHK, VGINYHLAHK, VGINYWGAHK, VGINNY WLAHK were synthesized by ChinaPeptides Co., Ltd. ...

[Isolation and Characterization of an Oxygen Radical Absorbance Activity Peptide from Defatted Peanut Meal Hydrolysate and Its Antioxidant Properties](#)

L Zheng, G Su, J Ren, L Gu... - Journal of Agricultural ..., 2012 - ACS Publications

...85 MATERIALS AND METHODS 86 Materials. DPM was provided by Shandong Luhua Group Co., Ltd. (Yantai, 87 China). ... were obtained from CapitalBio Corporation (Beijing, China). Linoleic acid was 98 obtained from Aladdin Reagent Co., Ltd. (Shanghai, China). The rat 99 ...

[Tostadin, a novel antibacterial peptide from an antagonistic microorganism< i> Brevibacillus brevis</i> XDH](#)

Z Song, Q Liu, H Guo, R Ju, Y Zhao, J Li... - Bioresource Technology, 2012 - Elsevier

...After obtaining the detailed structure, China Peptides Co., Ltd. in Shanghai synthesized 100 mg of the pure sample. ... Pure Tostadin samples, both unmodified and modified, were synthesized in China Peptides Co., Ltd. to further analyze some of its properties. ...

[Peptide-based electrochemical biosensor for amyloid \$\beta\$ 1–42 soluble oligomer assay](#)

H Li, Y Cao, X Wu, Z Ye... - Talanta, 2012 - Elsevier

...soluble oligomer (Fig. S1, supporting information (SI), Section I), and MUA-RWKNFIAVSAANRFKKISK-Fc, M13 peptide [25] as the control peptide sequence) were custom-synthesized by **Chinapeptide Co., Ltd.** A β 1–42 (>98 ...

[Follicle stimulating hormone receptor mediated gene delivery to target ovarian carcinoma in vitro](#)

C Dong - Asian Biomed, 2012 - abm.digitaljournals.org

...Materials and methods Materials FSH peptide (β : 33-53, YTRDLVYKDPARPK IQKTCTF) was synthesized and purchased from **ChinaPeptides Co., Ltd.** (Shanghai, China). Branched PEI (MW 25000 Da) and a bifunctional PEG ...

[Effects of a Novel Peptide Derived From Human Thrombomodulin on Endotoxin-Induced Uveitis in Vitro and in Vivo](#)

H Jin, X Yang, K Liu, Q Gu... - FEBS letters, 2011 - Elsevier

... and in vivo. A high-efficiency solid-phase peptide synthesis was performed by **ChinaPeptides Co., Ltd.** in Shanghai, PR China with an automatic peptide synthesizer (Symphony; Protein Technologies, Tucson, AZ). The purified ...

[The Antiangiogenic Effects of Integrin \$\alpha 5\beta 1\$ Inhibitor \(ATN-161\) In Vitro and In Vivo](#)

W Wang, F Wang, F Lu, S Xu, W Hu... - ... Ophthalmology & Visual ..., 2011 - ARVO

... All chemicals were of reagent grade. Peptide Synthesis. The Ac-PHSCN-NH₂ peptide (ATN-161) and scrambled peptide Ac-HSPNC-NH₂ were synthesized by **ChinaPeptides Co., Ltd.** (Shanghai, PR China) by a high-efficiency ...

[In vitro and in vivo antiangiogenic activity of a novel deca-peptide derived from human tissue-type plasminogen activator kringle 2](#)

L Su, X Xu, H Zhao, Q Gu... - Biochemical and biophysical research ..., 2010 - Elsevier

... The solid-phase synthesis of TKII-10 peptide was performed by **ChinaPeptides Co., Ltd.** in Shanghai, PR China with a high-efficiency solid-phase method using an automatic peptide synthesizer (Symphony; Protein Technologies, Tucson, AZ). ...

[Cysteine Modified Small Ligament Au Nanoporous Film: An Easy Fabricating SALDI Substrate with High Laser Desorption/Ionization Efficiency](#)

R Liu, J Liu, Z Xiaoxia... - Analytical Chemistry - ACS Publications

... from Tokyo Chemical Industry (Tokyo, Japan). Two peptides, Tyr-Val-Pro-Met-Leu and its 17 phosphorylated form pTyr-Val-Pro-Met-Leu were acquired from **ChinaPeptides Co., Ltd.** (Shanghai, 18 China). Trifluoroacetic Acid (TFA) was obtained from DIMA Technology INC. ...

Low molecular weight protamine-functionalized nanoparticles for drug delivery to the brain after intranasal administration

H Xia, X Gao, G Gu, Z Liu, N Zeng, Q Hu, Q Song... - Biomaterials, 2011 - Elsevier

... The possible pathway that LMWP-NP travels from the nasal cavity to the brain following intranasal administration was also discussed. 2. Experimental. 2.1. Materials and animals. LMWP were synthesized by **ChinaPeptides Co., Ltd** (Shanghai, China). ...

Crystal structure of the N-terminal region of human Topoisomerase II [beta] binding protein 1

Y Huo, L Bai, M Xu... - Biochemical and biophysical research ..., 2010 - Elsevier

... A phosphorylated-Ser387-containing peptide derived from the C-terminal tail of Rad9 (sequence: 380-SPVLAED(pS)EGEG-391, referred to as Rad9-pSer387-tail peptide below) was purchased from **ChinaPeptides Co., Ltd.** (Shanghai, CHN). ...

Identification of phage display peptides with affinity for the tegument of Schistosoma japonicum

Y Liu, PJ Brindley, Q Zeng, Y Li, J Zhou... - Molecular and ..., 2011 - Elsevier

... **Peptides**, bound to the tegument of live Schistosoma japonicum schistosomula, were differentially screened by phage display in vitro using ... B-conjugated 12 random peptide (RhB-AIPYFSGILQWR, RhB-12P) as control were synthesized and purified by **ChinaPeptides Co., Ltd.** ...

The N-terminal Nucleophile Serine of Cephalosporin Acylase Executes the Second Autoproteolytic Cleavage and Acylpeptide Hydrolysis

J Yin, Z Deng, G Zhao... - Journal of Biological Chemistry, 2011 - ASBMB

... acid, and other reagents were purchased from Sinopharm Chemical Reagent **Co., Ltd.** (Shanghai) and Aldrich. Cephalosporin C and 7-ACA were purchased from Zhejiang Haimen Pharmacy **Co.** Peptides and glutaryl peptides were synthesized by **China Peptides** (Shanghai). ...

Synthesis and immunomodulatory activity of [60] fullerene-tuftsins conjugates

Y Xu, J Zhu, K Xiang, Y Li, R Sun, J Ma... - Biomaterials, 2011 - Elsevier

... Wang resin, Fmoc-Arg(Pbf)-OH, Fmoc-Pro-OH, Fmoc-Lys(Boc)-OH, and Fmoc-Thr(tBu)-OH were obtained from **ChinaPeptide Co.** (Shanghai, China). The completely protected tuftsins, BocNH-Thr(tBu)-Lys(Boc)-Pro-Arg(Pbf)-OH, was customized by the same **company.** ...