

List of Posters

Peptide/Protein Synthesis

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- P002** Synthesis of a glycosylated bicyclic peptide : MEN11420, by double cyclization using chloroimidazolium coupling reagent CIP
Akaji Kenichi*, Aimoto Saburo.
- P003** Peptides based on a crown-carrier C α , α -disubstituted glycine
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- P004** New DMPU-based peptide coupling reagents
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- P005** P-ONSu as a recoverable additive for peptide synthesis
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- P006** Late deprotection difficulties and peptide structure during long-mer synthesis
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- P007** Synthesis of tripeptide vinyl sulfones using polystyrene-Boc-resin
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- P008** Soluble production of a defective folding mutant of the maltose-binding protein, MalE31 with the rapid translation system (RTS)
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- P010** Naphthalene amide linker (NAL), a new backbone amide handle for solid phase synthesis
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- P011** Chemoselective acylation of hydrazinopeptides : a novel and mild method for the derivatization of peptides with sensitive fatty acids
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- P012** Synthesis of HCV and HIV B-cell epitopes using polystyrene supports with new cross-linking agent
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- P013** Fully solid-phase synthesis and anti-microbial properties of a cyclic analog of pyrrolicocricin
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- P014** New synthesis of α -amino-aldehyde
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- P015** Post-synthesis modification of aspartyl or glutamyl side-chains on solid support
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- P016** Tris(piperidino)phosphonium salts as new coupling reagents and their applications in SPPS
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- P017** Control of the extension of the iodination on Tyr residues/iodination of Phe residues with the reagent IPY₂BF₄
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- P019** Preparation of beta-amyloid peptides with fluorescent labeling
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- P020** Potent and selective inhibition of zinc aminopeptidase A by glutamyl aminophosphonic peptides
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- P021** Dimerization of peptide and non-peptide moieties having a C-terminal glycine
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- P022** Derivatization of amino acids with an azo dye
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- P023** Synthesis and spectroscopical studies of new unsaturated amino acid derivatives as precursors for stereoselective peptide synthesis
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- P024** Resin bound N-terminal peptide aldehydes : formation and their application as electrophiles in the combinatorial syntheses of peptidomimetics
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- P025** Synthesis and separation of topological isomers of guanylate cyclase C activating peptide (GCAP II)
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- P034** New method for the solid phase synthesis of phosphoserine containing peptides
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- P036** Synthesis of the Tentoxin various conformational states
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- P040** A general method for the synthesis of enantiopure ω -substituted α -amino acids
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- P045** Solid phase modification of a natural cyclo-depsipeptide
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- P046** Use of diisopropylcarbodiimide in the solid phase synthesis of phosphorylated peptides by the preformed phosphoamino acid building block approach
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- P047** Synthesis of protected peptides on N-[(9-hydroxymethyl)-2-fluorenyl]succinamic acid (HMFS) derivatised resins : aspartimide side reaction suppression
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- P055** Aminoxy acid-containing analogues of a human leukocyte elastase substrate. Synthesis, bio-activity and structure
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- P056** EXPO₃₀₀₀ - A new expandable resin for organic synthesis and enzymatic assays
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- OC35** Solid-phase synthesis of cyclic and polycyclic peptides
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- OC36** Copper(II)-containing racemization suppressors and their use in segment coupling reactions
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- OC75** A versatile 4-(4-tolyl(chloro)methyl)phenoxy linker for the solid phase synthesis of pseudopeptides
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- OC78** O-succinimidyl carbamate derivatives from amino acids and peptides : a general entry to urea-based peptidomimetics
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- OC79** Evaluation of ring closing metathesis (RCM) reactions for the preparation of peptide cyclic esters in the solid state
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Topic A2: Peptide Conjugates; Lipo-, Glyco-Peptides and Chimeras

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- P066** Synthesis, conformation and membrane activity of peptaibolins
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- P067** A novel chemical approach to glycosylated sulfopeptides
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- P069** Synthesis of C-linked sugar-lipoamino acid conjugates
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- P070** Lologomers as peptide based delivery agents
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- P071** E. Coli 0157:H7 - A combinatorial approach to glycopeptide therapeutics
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- P072** Sugar Amino acids: Synthesis and NMR-structural analysis of linear and cyclic homooligomers
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- P073** Synthesis of mucin-type glycopeptide
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- P074** A new synthesis of glycosyl-aminoacids and incorporation in biological peptide
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- P076** Solid phase of C-terminal glycopeptides
Malkinson John P, Falconer Robert A, Toth Istvan*.
- P077** Glycotargeting by lysine-based oligosaccharidyl clusters
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- P079** A metabolic route for the synthesis and hydrolysis of β -aspartyl peptides
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- P080** Liposaccharide based peptide delivery system for tumour selective somatostatin analogues
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- P081** Synthetic peptides regulators of IL-6 action : design, synthesis and CD characterisation
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- OC60** Diastereoselective synthesis of α -hydroxyesters - a route to a new class of C-linked glycopeptides
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- OC61** Preparation and biological characteristics of peptide-liposome conjugates for drug targeting
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- P096** Programming of enzyme specificity by substrate mimetics : investigations of the V8 protease
Wehofsky Nicole*, Bordusa Frank.
- P097** Nonconventional CN-ligation strategy : programming of enzyme specificity by substrate mimetics
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