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Chair of Organic Chemistry

Lecturer on an hourly basis

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Publications

Article

Synthesis of Enantiomerically Enriched Non-Proteinogenic α -Amino Acids Using the Suzuki Reaction

Saghyan Ashot, Mkrtchyan Anna, Mardiyany Zorayr, Hayriyan Liana, Yuri N. Belokon, Peter Langer

ChemistrySelect 2019 4686-4688

Article

Synthesis of enantiomerically enriched alkynylaryl-substituted α -amino acids through Sonogashira reactions

Ashot S. Saghyan, Anna F. Mkrtchyan, Zorayr Z. Mardiyany, Liana A. Hayriyan, Ani J. Karapetyan,

Yuri N. Belokon, Peter Ehlers, Peter Langer

ChemistrySelect 2019 13806-13809

Article

SYNTHESIS OF N-TERT-BUTYLOXYCARBONYLGLYCYL-(S)-b-[4- ALLYL-3-PROPYL-5-THIOXO-1,2,4-TRIAZOL-1-YL]- α -ALANINE DIPEPTIDE AND STUDY OF ITS ANTIFUNGAL EFFECT

T. H. SARGSYAN, Z. Z. MARDIYAN, Yu. M. DANGHYAN, E. A. GYULUMYAN, N. S. KHACHATURYAN,

S. A. GEVORGYAN, H.I. HAKOBYAN, S. M. JAMGARYAN, A. S. SAGHYAN

Chemical Journal of Armenia 2019 495-501

Article

Synthesis of Optically Pure (S,E)-2-Amino-5-arylpent-4-enoic Acids by Heck Reactions of Nickel Complexes

Mkrtchyan Anna F, Saghyan Ashot S, Mardiyany Zorayr Z, Parpart Silvio, Ehlers Peter, Petrosyan Andranik,

Langer Peter

Synlett 2018 A-F

Article

СИНТЕЗ ЭНАНТИОМЕРНО ОБОГАЩЕННОЙ (S)-2-АМИНО-5-(4-ФТОРФЕНИЛ)ПЕНТ-4-ЕНОВОЙ КИСЛОТЫ И ЕЕ α -АЛЛИЛЗАМЕЩЕННОГО АНАЛОГА

А. С. САГЯН, З. З. МАРДИЯН, А. Ф. МКРТЧЯН, А. О. ЦАТУРЯН

Химический Журнал Армении 2018 107-116

Conference

Efficient method for the synthesis of novel enantiomerically enriched derivatives of unsaturated amino acids

Ashot Saghyan, Anna Mkrtchyan, Liana Hayriyan, Zorayr Mardiyany, Hayarpi Simonyan

2018 342

Conference

Asymmetric synthesis of new enantiomerically enriched α -amino acids

A.S. Saghyan, A.F. Mkrtchyan, Z.Z. Mardiyan, L.A. Hayriyan, H.V. Adonts

2018 ACF2018 C35

<https://www.armchemfront.com/2018/index.php>

Article

Five-year achievements in the field of the asymmetric synthesis of unsaturated amino acids

Saghyan A.S., Belokon, Yu.N., Mkrtchyan, A.F., Langer P, Mardiyan Z.Z.

Chemical Journal of Armenia 2017 54-71

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Article

Synthesis of Alkynylated Dihydrofuran-2(3H)-ones as Potent and Selective Inhibitors of Tissue Non-Specific Alkaline Phosphatase

Andranik Petrosyan, Taniel V. Ghochikyan, Syeda Abida Ejaz, Zorayr Z. Mardiyan, Shafi Ullah Khan, Tatevik Grigoryan, Ashot Gevorgyan, Melanya A. Samvelyan, Armen S. Galstyan, Silvio Parpart, Qamar Rahman, Jamshed Iqbal, Peter Langer

ChemistrySelect 2017 5677 - 5683

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)2365-6549](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2365-6549)

Conference

Efficient method for the synthesis of novel enantiomerically enriched derivatives of propargylglycine

Anna F. Mkrtchyan, Ashot S Saghyan, Liana A Hayriyan, Ani J Karapetyan, Zorayr Z Mardiyan, Hayarpi M Simonyan, Adonc Hovhannes

2017 71

<http://alliedacademies.com/upcoming-conferences>

Conference

Asymmetric synthesis of enantiomerically enriched analogs of Nill complexes of (S)-allylglycine

L.A.Hayriyan, A.F.Mkrtchyan, Z.Z.Mardiyan, A.J.Karapetyan, H.V. Adonc, H.M. Simonyan, S.Gh. Petrosyan, L.Yu.Sahakyan, A.S. Saghyan

2017 62

Conference

Synthesis of optically pure (S)-2-amino-5-(3-fluorophenyl)-2-(prop-2-yn-1-yl)pent-4-ynoic acid by using Sonogashira reaction

Z.Z. Mardiyan, L.A. Hayriyan, A.F.Mkrtchyan, A.X.Tsaturyan, A.J. Karapetyan, H.V. Adonc, H.M. Simonyan, S.Gh.Petrosyan, L.Yu.Sahakyan, A.S. Saghyan

2017 92

Conference

FIVE-YEAR ACHIEVEMENTS IN THE FIELD OF THE ASYMMETRIC SYNTHESIS OF UNSATURATED AMINO ACIDS

A. S. Saghyan, L.A. Hayriyan, Z.Z. Mardiyan, A.F. Mkrtchyan

Conference

Asymmetric synthesis of enantiomerically enriched new analogs of Ni II complexes of (S)-propargylglycine

L. Hayriyan, A. Saghyan, H. Simonyan, A. Karapetyan, Z. Mardiyan, A. Mkrtchyan

2017 138

<http://armbiotech.am/arm/conf/conf4/index.html>
