Lilit Papin Hambardzumyan

Research Center for Chemistry
Օրգանական քիմիայի լաբորատորիա
Researcher

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Education

Institution	Yeravan State University
Faculty	Faculty of Chemistry/Chair of Organic Chemistry
Date	2003 - 2006
Degree name	PhD student

Institution	Yeravan State University
Faculty	Faculty of Chemistry/Chair of Organic Chemistry
Date	2001 - 2003
Degree name	Masters

Institution	Yeravan State University
Faculty	Faculty of Chemistry
Date	1997 - 2001
Degree name	Bachelor

Scientific Rank/degree

Institution	Yeravan State University
Date	2010
Degree name	Candidate
Specialty	Chemical sciences
Scientific Supervisor	Aleksanyan Iskuhi
Research Topic	Nucleophilic substitution reactions of 2-methyl-4 chloroquinolines

Language skills

Հայերեն English Русский

Work experience

Institution	YSU, Chair of Organic Chemistry
Period of time	2011 till now
Rank/degree	Researcher

Institution	YSU, Chair of Organic Chemistry
Period of time	2010 - 2017
Rank/degree	Laboratory Assistant

Institution	YSU, Idjevan Branch
Period of time	2005 - 2008
Rank/degree	Lecturer

Institution	YSU, Chair of Organic Chemistry
Period of time	2004 - 2011
Rank/degree	Junior Researcher

Scientific interests

- Chemistry of functionally substituted quinolines. The synthesis of new biologically active heterocyclic systems based on quinolines.

Publications

Article

Accessible Synthesis Methods and Physicochemical Properties of Quinoline-Derived Schiff Bases

L. P. Hambardzumyan, I. L. Aleqsanyan

Биоорганическая Химия (Russian Journal of Bioorganic Chemistry) 2025 266–272

Article

Intramolecular Heterocyclization of Quinolyl-Substituted Carbothioamides to Functionalized 2,4-Dihydro-3H-1,2,4-triazoles and -1,3,4-thiadiazoles

I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2024 1022-1027

Article

Synthesis and Transformations of Novel Shiff Bases Derived from 1-[2-Methyl-4-(methylsulfanyl)quinolin-3-yl]propan-2-ones

I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2024 1585–1590

Article

Synthesis, Photophysical Properties and Antioxidant Activity of Novel Quinoline Derivatives

Armen I. Martiryan, Gohar A. Shahinyan, Iskuhi L. Aleksanyan, Lilit P. Hambardzumyan

Journal of Fluorescence 2023 1-8

Article

ANTIMICROBIAL ACTIVITY OF QUINOLINE-BASED HYDROXYPHENYLAMINO AND CARBOXYPHENYLAMINO DERIVATIVES

L. P. HAMBARDZUMYAN, I. L. ALEKSANYAN

ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 301–312

Article

Spectroscopic analysis of 2-(5-mercapto-1,3,4-oxadiazol-2-yl)-6-methylquinolin-4-ol binding to blood plasma albumin

Karine R. Grigoryan, Hasmik A. Shilajyan, Ashkhen Zatikyan, Iskuhi Aleksanyan, Lilit Hambardzumyan

MONATSHEFTE FUR CHEMIE 2022 507-515

Article

FLUORESCENCE STUDIES ON THE BLOOD PLASMA ALBUMIN INTERACTION WITH 4-HYDROXY-2-METHYLQUINOLINE

K. R. GRIGORYAN, H. A. SHILAJYAN, I. L. ALEKSANYAN, L. P. HAMBARDZUMYAN, H. H. HOVHANNISYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 100-107

Article

Synthesis of Schiff Bases and Isoindolyl- and Thiazolyl-Substituted Quinolines from 6-Amino-2-methylquinolin-4-ol

I.L. Aleqsanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2022 1434-1437

Article

THE EFFECT OF DIMETHYLSULFOXIDE ON THE FLUORESCENCE PROPERTIES OF SOME 4-HYDROXYQUINOLINES

Karine R. Grigoryan, Hasmik A. Shilajyan, Iskuhi L. Aleksanyan, Zara L. Grigoryan,

Lilit P. Hambardzumyan

Proceedings of the YSU B: Chemical and Biological Sciences 2021 112-117

Article

Synthesis and Transformations of 4-[2-methyl-4-(methylsulfanyl)quinolin-3-yl]butan-2-ones Substituted in the Benzene Ring

I. L. Aleqsanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2021 1289–1294

Article

Synthesis of Hetarylquinolines Derived from 2-[(4-Methylquinolin-2-yl)sulfanyl]acetohydrazides Substituted in the Benzene Ring

Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 261–264

Article

Synthesis of Novel Combined Heterocyclic Systems Derived from 2-[(2-Methylquinolin4-yl)sulfanyl]acetohydrazides Substituted in the Benzene Ring

Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 265–268

Article

Synthesis of Quinolinyl-Substituted Five-Membered Heterocycles and Schiff Bases from 2-(4-Hydroxy-2-methylquinolin-3-yl)acetohydrazide

Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 2114–2118

Article

Synthesis and Transformations of 4-Hydroxy-2-methylquinoline-6-carbohydrazide
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2019 262-265

Article

Syntheses Based on 4-(2-Hydroxy-4-methylquinolin3-yl)butan-2-one Thiosemicarbazones
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2019 399-401

Article

Synthesis of Hetarylquinolines from 2-{[(4-Methylquinolin- 2-yl)sulfanyl]acetyl}-N-phenylhydrazine-1-carbothioamides
I.L. Aleksanyan, L.P.Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2018 1402-1405

Article

Synthesis of hetarylquinolines Proceeding from 2-[(2-methylquinolin-4-yl)sulfanyl]acetohydrazide substituted in teh benzene ring
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2017 226-230

http://link.springer.com/journal/11178

Article

Synthesis of Hetarylquinolines from 4-(4-Hydroxy- 2-methylquinolin-3-yl)butan-2-one Thiosemicarbazones
I. L. Aleksanyan, L. P. Ambartsumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2015 1046–1049

http://link.springer.com/journal/11178

Conference

Synthesis of substituted 3,4-diphenylthiazol-2(3H)--ylidene and 3-phenylthiazolidin-2-ylidenquinolines on the bases of corresponding phenylhydrazinecarbothioamide
I.L.Aleksanyan, L.P.Hambardzumyan

Conference

Fluorescence Study of 2-(5-Mercapto-1,3,4-oxadiazol-2-yl)-6-methylquinoline-4-ol binding to Bovine Serum Albumin
Grigoryan K.R., Shilajyan H.A., Aleqsanyan I.L., Hambardzumyan L.P., Hovhannisyan H.H.

Conference

FLUORESCENCE PROPERTIES OF 2-METHYLQUINOLIN-4-OL AND ITS MERCAPTO-OXADIAZOLYL DERIVATIVE IN DIMETHYLSULFOXIDE AQUEOUS SOLUTIONS
Hasmik Shilajyan, Karine Grigoryan, Iskuhy Aleksanyan, Zara Grigoryan, Lilit Hambardzumyan

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Conference

SYNTHESIS OF NOVEL HETEROCYCLIC SYSTEMS ON BASIS OF QUINOLINE HYDRAZINECARBOTHIOAMIDE
I.L. Aleksanyan, L.P. Hambarzumyan

Conference

SINTHESIS OF NEW CLASS OF OXADIAZOLES ON BASIS OF QUINOLINE ACETOHYDRAZIDES
I.L. Aleksanyan, L.P. Hambarzumyan

Conference

Synthesis of new series of heterocyclic compounds on the basis of quinoline substituted phenylhydrazinecarbothioamide
Iskuhi L. Aleksanyan, Lilit P. Hambardzumyan

Conference

Synthesis of new derivatives of quinolines fused with thiazolidinones and thiazolidines
Aleksanyan I.L, Hambardzumyan L.P.

Conference

Sinthesis of new class of hetarylquinolines on base of 4-hydroxy-2-methyl-6-ethoxycarbonylquinoline
Aleksanyan I.L., Hambardzumyan L.P.

Conference

PREPARATION AND CONVERSETION OF BENZ-SUBSTITUTED 4-[2-METHYL-4-(METHYLTHIO)QUINOLIN-3-YL]BUTAN-2-ONES
I.L. Aleksanyan, L.P. Hambardzumyan

Conference

PREPARATION AND CONVERSION OF 2-(4-HYDROXY-2-METHYLQUINOLIN-3-YL)ACETOHYDRAZIDE
I.L. Aleksanyan, L.P. Hambardzumyan

Conference

SYNTHESIS AND CONVERSIONS OF BENZ-SUBSTITUTED 4-[2-METHYL-4-(METHYLTIO)-QUINOLIN-3-YL]PROPAN-2-ONES
Aleksanyan I.L., Hambardzumyan L.P.

Conference

INTERACTIONS OF 6-AMINO-2-METHYLQUINOLIN-4-OL WITH SUBSTITUTED BENZALDEHYDES: A STUDY ON THE BIOPHYSICAL PROPERTIES OF THE RESULTING COMPOUNDS
Aleksanyan I.L., Hambardzumyan L.P.

Conference

PREPARATION OF NEW DERIVATIVES OF QUINOLINES FUSED WITH 1,2,4-TRIAZOLE-3-THIONES AND 1,3,4-THIADIAZOLES.
Aleksanyan I.L., Hambardzumyan L.P
