

# Karine Samveli Avetisyan

## Research Center of Chemistry

Օրգանական քիմիայի լաբորատորիա

Senior researcher

☎ 606710471  
34-17

✉ k\_avetisyan@ysu.am



## Education

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<b>Institution</b>	Yerevan state university
<b>Faculty</b>	Chemical faculty, chair of organic chemistry
<b>Date</b>	1999 - 2005
<b>Degree name</b>	Applicant

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<b>Institution</b>	Yerevan state university
<b>Faculty</b>	Chemical faculty
<b>Date</b>	1994 - 1999
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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<b>Institution</b>	Supreme certifying commission of the Republic of Armenia
<b>Date</b>	2011
<b>Degree name</b>	Associate professor
<b>Specialty</b>	Chemical sciences

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<b>Institution</b>	Yerevan state university
<b>Date</b>	2006
<b>Degree name</b>	Candidate
<b>Specialty</b>	Chemical sciences
<b>Scientific Supervisor</b>	Avetisyan Aida
<b>Research Topic</b>	Some synthesis based on industrial aryltrichloromethylcarbinols

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## Language skills

Русский English

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## Work experience

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<b>Institution</b>	Yerevan state university, Faculty of chemistry
<b>Period of time</b>	2013 till now
<b>Rank/degree</b>	Senior scientific researcher

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<b>Institution</b>	Yerevan state university, Faculty of chemistry
<b>Period of time</b>	2006 - 2013
<b>Rank/degree</b>	Scientific researcher

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<b>Institution</b>	Yerevan state university, Faculty of chemistry
<b>Period of time</b>	2005 - 2006
<b>Rank/degree</b>	Junior scientific researcher

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## Scientific interests

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- The chemistry of heterocyclic compounds.
  - Fine organic synthesis.
  - Chemistry of unsaturated lactones.
  - Synthesis of biologically active compounds.
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## Participation in international conferences and seminars

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<b>19/01/2018 - 23/01/2018</b>	Scientific Conference "Markovnikov's Readings" Moscow state university Russian Federation (the)
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<b>18/09/2016 - 21/09/2016</b>	5-th Internathional Conference of Young Scientists "Chemistry Today-2016" Agricultural university of Georgia Georgia
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<b>17/09/2013 - 21/09/2013</b>	Third International Scientific Conference "New directions in the chemistry of heterocyclic compounds" North-Caucasian Federal University Russian Federation (the)
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## Publications

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*Article*

### **Thiol-Epoxy Click Chemistry: The Synthesis of Vicinal Amino Alcohols Containing a 1,2,4-Triazole Ring**

Artyom V. Petrosyan, Astghik A. Shahkhatuni, Andranik M. Davinyan, Karine S. Avetisyan, Taniel V. Ghochikyan, Melanya A. Samvelyan, Valentine G. Nenajdenko, Armen S. Galstyan  
Chemistry (Switzerland) 2025 53(1-19)

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*Article*

### **ANTICHOLINESTERASE AND ANTIRADICAL ACTIVITIES OF FUNCTIONALLY SUBSTITUTED 2(5H)-FURANONES AND THEIR DERIVATIVES**

Karine S. Avetisyan, Laura Kh. Galstyan

Медицинские новости Грузии (Georgian medical news) 2025 45-51

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Article

**BIOLOGICAL STUDIES OF THIAZOLES OF NEW STRUCTURE**

Tariel V. Ghochikyan, Melanya A. Samvelyan, Armen S. Galstyan, Karine S. Avetisyan

Медицинские новости Грузии (Georgian medical news) 2025 57-63

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Article

**Alkylation Reaction of Functionally Substituted 2-Hydrazine-1-carbothioamides with Some Unsaturated and Aryl Halides and Biological Activity of the Synthesized Compounds**

K.S.Avetisyan, L.Kh.Galstyan

Russian Journal of General Chemistry (Журнал общей химии) 2024 2883-2888

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Article

**Ethyl 7,7,8-trimethyl-9-phenyl-2-(phenylimino)-6-oxa-3-thia-1-azaspiro [4,4]non-8-ene-4-carboxylate**

K.S.Avetisyan, L.Kh.Galstyan

Հետերոցիկլիկ միացությունների սինթեզներ 2024 35-36

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Article

**Reactions of 5,5-Substituted N-[4-Methyl-3-phenylfuran-2(5H)-ylidene]-N'-phenylthiocarbamides with Acrylic Acid Derivatives**

K.S.Avetisyan, L.Kh.Galstyan

Russian Journal of General Chemistry (Журнал общей химии) 2022 355-358

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Article

**Рентгеноструктурное исследование строения продукта взаимодействия функционально замещенных 2(5H)-фуранилидентокарбамидов с этиловым эфиром хлоруксусной кислоты.**

Аветисян К.С., Галстян Л.Х, Тамазян Р.А., Айвазян А.Г.

Հայաստանի քիմիական հանդես 2020 251-254

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Article

**Alkylation of 5,5-Substituted N-[4-Methyl-3-phenylfuran- 2(5H)-ylidene]-N'-phenylthioureas**

K. S. Avetisyan, L. Kh. Galstyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2019 974-977

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Article

**Synthesis and Structure of 5,5-Disubstituted N-[4-Methyl-3-phenylfuran-2(5H)-ylidene]-N'-phenylthioureas**

K.S.Avetisyan, L.Kh.Galstyan, R.A.Tamazyan, A.G.Aivazyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2018 1109-1111

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Article

**Синтез некоторых четвертичных аммониевых солей на базе 4а,8-диметил-3Н,5Н-бис-спиро[циклогексан-4а,5-дигидроизобензофуоро[5,6-с]фуран]-1,7-(3Н,4Н)-диона и их биологическая активность.**

К. С. Аветисян, Л. Х. Галстян, З. Г. Алебян, В. О. Топузян

Հայաստանի քիմիական հանդես 2015 508-514

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

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Article

**НЕКОТОРЫЕ ПРЕВРАЩЕНИЯ ФУНКЦИОНАЛЬНО ЗАМЕЩЕННЫХ 2,5-ДИГИДРОФУРАН-2-ОНОВ И БИОЛОГИЧЕСКАЯ АКТИВНОСТЬ ПОЛУЧЕННЫХ СОЕДИНЕНИЙ**

К.С.Аветисян, Л.Х.Галстян, В.С.Арутюнян

НЕКОТОРЫЕ УСПЕХИ ОРГАНИЧЕСКОЙ И ФАРМАЦЕВТИЧЕСКОЙ ХИМИИ 2015 2015 260-269

<http://www.nauka.x-pdf.ru/17himiya/288879-1-nekotorie-uspehi-organicheskoy-farm...>

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*Conference*

**SYNTHESIS OF NEW HYDRAZONES OF 3-ACETYL-4,5,5-TRIMETHYLFURAN-2(5H)-ONES AND THEIR BIOLOGICAL ACTIVITY**

L. Kh. Galstyan, K. S. Avetisyan

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*Conference*

**СИНТЕЗ И ПРЕВРАЩЕНИЯ 1-ФЕНИЛ-3-(4-МЕТИЛ-5,5-ЗАМЕЩЕННЫХ 3-ФЕНИЛФУРАН-2(5Н)-ИЛИДЕН)ТИОКАРБАМИДОВ**

К.С.Аветисян, Л.Х.Галстян

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*Conference*

**АЛКИЛИРОВАНИЕ 5,5-ЗАМЕЩЕННЫХ N-[4-МЕТИЛ-3-ФЕНИЛФУРАН-2(5Н)-ИЛИДЕН]-N'-ФЕНИЛТИОКАРБАМИДОВ**

К.С.Аветисян, Л.Х.Галстян

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*Conference*

**SYNTHESIS AND STUDY OF ANTICHOLINESTERASE PROPERTIES OF NEW FUNCTIONALLY SUBSTITUTED ETHYLIDENE HYDRAZINE-1-CARBOETHIOAMIDES AND THEIR DERIVATIVES**

Avetisyan K.S., Galstyan L.Kh., Hovhannisyan A.A., Hovhannisyan N.A.

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