**СВЕДЕНИЯ**

**об официальном оппоненте**

|  |  |  |  |
| --- | --- | --- | --- |
| Фамилия, Имя, Отчество (полностью) | Место основной работы - полное наименование организации (с указанием полного почтового адреса, телефона (при наличии), адреса электронной почты (при наличии)), должность, занимаемая им в этой организации (полностью с указанием структурного подразделения) | Ученая степень (с указанием отрасли наук, шифра и наименования научной специальности, по которой им защищена диссертация в соответствии с действующей Номенклатурой специальностей научных работников) | Ученое звание |
| Зимницкий Николай Сергеевич | 620002, г. Екатеринбург, ул. Мира, д. 19  ФГАОУ ВО «Уральский федеральный университет имени первого Президента России Б.Н. Ельцина», г. Екатеринбург, ассистент кафедры органической химии и высокомолекулярных соединений тел. служ. +7 (343) 3899725  тел. моб. +7 912-669-54-78  e-mail: n.s.zimnitsky@urfu.ru | Кандидат химических наук,  1.4.3. Органическая химия | Не имеет |
| Основные публикации по теме диссертации в рецензируемых научных изданиях за последние 5 лет (не более 15 публикаций): | | | |
| 1. Kutyashev I. B., Ulitko M. V., Barkov A. Y., Zimnitskiy N. S., Korotaev V. Y., Sosnovskikh V. Y. Regio- and Stereoselective 1,3-dipolar Cycloaddition of Azomethine Ylides Based on Isatins and (thia)proline to 3-nitro-2-(trifluoro(trichloro)methyl)-2H-chromenes: Synthesis and Cytotoxic Activity of 6-(trihalomethyl)-spiro[chromeno(thia)pyrrolizidine-11,3'-indolin]-2'-ones. *Chemistry of Heterocyclic Compounds*. **2021**, *57 (7-8)*, 751–763. 2. Zimnitskiy N. S., Barkov A. Y., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V. Y. Acenaphthenequinone-Based Stabilized Azomethine Ylides in (3+2) Cycloaddition Reactions with 1,5-diarylpent-4-ene-1,3-diones. *Chemistry of Heterocyclic Compounds*. **2021**, *57 (7-8)*, 743–750. 3. Korotaev V. Y., Barkovskii S. V., Kutyashev I. B., Ulitko M. V., Barkov A. Y., Zimnitskiy N. S., Kochnev I. А., Sosnovskikh V. Y. Two approaches toward the regio- and stereoselective synthesis of N-unsubstituted 3-aryl-4-(trifluoromethyl)-4H-spiro-[chromeno[3,4-c]pyrrolidine-1,3'-oxindoles]. *Chemistry of Heterocyclic Compounds*. **2021**, *57 (6)*, 679–690. 4. Kutyashev I. B., Sannikov M. S., Kochnev I. A., Barkov A. Y., Zimnitskiy N. S., Korotaev V. Y., Sosnovskikh V. Y. Diversity-Oriented Synthesis of Novel Trihalomethyl-Containing Spirochromeno[3,4- a ](thia)pyrrolizidines and Spirochromeno-[3,4- a ]indolizidines by One-Pot, Three-Component [3+2]-Cyclo addition Reaction. *SynOpen*. **2021**, *5 (1)*, 1-16. 5. Korotaev V. Y., Zimnitskiy N. S., Denikaev A. D., Barkov A. Y., Kutyashev I. B., Sosnovskikh V. Y. 1,5-Diarylpent-4-ene-1,3-diones in the synthesis of spiro[(thia)pyrrolizidine-3,3'-oxindoles] and 1,3-diaryl-5-spiro[oxindole-3,3'-pyrrolizidin-2'-yl]-1H-pyrazoles. *Chemistry of Heterocyclic Compounds*. **2021**, *57 (1)*, 81–91. 6. Zimnitskiy N. S., Barkov A. Y., Ulitko M. V., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V. Y. An expedient synthesis of novel spiro[indenoquinoxaline-pyrrolizidine]-pyrazole conjugates with anticancer activity from 1,5-diarylpent-4-ene-1,3-diones through the 1,3-dipolar cycloaddition/cyclocondensation sequence. *New Journal of Chemistry*. **2020**, *44 (37)*, 16185–16199. 7. Kutyashev I. B., Kochnev I. А., Cherepkova A. А., Zimnitskiy N. S., Barkov A. Y., Korotaev V. Y., Sosnovskikh V. Y. 3-Nitro-2-phenyl-2-trifluoromethyl-2H-chromenes in reactions with azomethine ylides from isatins and (thia)proline: synthesis of spiro[chromeno(thia)pyrrolizidine-11,3'-oxindoles]. *Chemistry of Heterocyclic Compounds*. **2020**, *56 (10)*, 1302–1313. 8. Zimnitskiy N. S., Denikaev A. D., Barkov A. Y., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V. Y. Catalyst-free Tandem 1,3-Dipolar Cycloaddition/Aldol Condensation: Diastereoselective Construction of the Azatetraquinane Skeleton. *Journal of Organic Chemistry*. **2020**, *85 (13)*, 8683–8694. 9. Kutyashev I. B., Barkov A. Y., Zimnitskiy N. S., Korotaev V. Y., Sosnovskikh V. Y. Different behavior of azomethine ylides derived from 11H-indeno[1,2-b]quinoxalin-11-one and proline/sarcosine in reactions with 3-nitro-2H-chromenes. *Chemistry of Heterocyclic Compounds*. **2019**, *55 (9)*, 861–874. 10. Kutyashev I. B., Ulitko M. V., Barkov A. Y., Zimnitskiy N. S., Korotaev V. Y., Sosnovskikh V. Y. A regio- and stereocontrolled approach to the synthesis of 4-CF3-substituted spiro[chromeno[3,4-c]pyrrolidine-oxindoles] via reversible [3+2] cycloaddition of azomethine ylides generated from isatins and sarcosine to 3-nitro-2-(trifluoromethyl)-2H-chromenes. *New Journal of Chemistry*. **2019**, *43 (47)*, 18495–18504. 11. Korotaev V. Y., Zimnitskiy N. S., Barkov, A. Y., Kutyashev I. B., Sosnovskikh, V. Y. Stabilized azomethine ylides derived from indeno[1,2-b]quinoxalinones in [3+2] cycloaddition reactions with electrophilic alkenes. *Chemistry of Heterocyclic Compounds*. **2018**, *54 (10)*, 905–922. 12. Barkov A. Y., Zimnitskiy N. S., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V. Y. Unexpected regiochemistry in [3+2] cycloaddition reaction of azomethine ylides of indenoquinoxalinone series to arylidene malononitriles. *Chemistry of Heterocyclic Compounds*. **2018**, *54 (1)*, 43–50. 13. Barkov A. Y., Zimnitskiy N. S., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V. Y. Regio- and stereoselective 1,3-dipolar cycloaddition reactions between arylideneacetones and stabilized azomethine ylides obtained from ninhydrin and indenoquinoxalinones. *Chemistry of Heterocyclic Compounds*. **2017**, *53 (12)*, 1315–1323. 14. Barkov A. Y., Zimnitskiy N. S., Kutyashev I. B., Korotaev V. Y., Moshkin V. S., Sosnovskikh V. Y. Highly regio- and stereoselective 1,3-dipolar cycloaddition of stabilised azomethine ylides to 3,3,3-trihalogeno-1-nitropropenes: Synthesis of trihalomethylated spiroindenepyrroli(zi)dines. *Journal of Fluorine Chemistry*. **2017**, *204*, 37–44. 15. Barkov A. Y., Zimnitskiy N. S., Kutyashev I. B., Korotaev V. Y., Sosnovskikh V.Y. Highly stereoselective [3+2]-cycloaddition reaction of stabilised N,N′-cyclic azomethine imines with 3-nitro-2-phenyl-2H-chromenes: Synthesis of tetrahydrochromeno[4,3-c]pyrazolo[1,2-a]pyrazol-11-ones. *Tetrahedron Letters*. **2017**, *58 (42)*, 3989–3992. | | | |