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1. Khudiakova L., Komarova K., Zhuravlev M., Deniskin D., Golovanov A., Nichugovskiy A., Babkin K., Zakharova M., Chudinov M., Rogacheva E., Kraeva L., Shevtsova O., Ipatova D., Skvortsov D., Lukianov D., Kryakvin M., Gureev M., Lukin A. Scaffold simplification yields potent antibacterial agents that target bacterial topoisomerases // *Molecules*. – 2026. – Vol. 31. – №. 2. – P. 240.
2. Zhuravlev M. E., Komarova K. Yu., Khudiakova L. V., Chudinov M. V., Lukin A. Yu., Dar'in D. V. Design and synthesis of spiro-linked azacycloalkane–dihydropyrano[4,3-d]pyrimidine compounds // *Mendeleev Commun.* – 2026. – Vol. 36. – №. 4. – P. 455–456.
3. Vinogradova L., Komarova K., Lukin A., Zhuravlev M., Deniskin D., Poliakova A., Chudinov M., Gureev M., Dogonadze M., Vinogradova T., Rogacheva E., Kraeva L., Porozov Y., Korzhikov-Vlakh V. You win some, you lose some: modifying the molecular periphery of nitrofuran-tagged diazaspirooctane reshapes its antibacterial activity profile // *Int. J. Mol. Sci.* – 2025. – Vol. 26. – №. 1. – P. 207.
4. Vinogradova L., Lukin A., Komarova K., Zhuravlev M., Fadeev A., Chudinov M., Rogacheva E., Kraeva L., Gureev M., Porozov Y., Dogonadze M., Vinogradova T. Molecular periphery design allows control of the new nitrofurans antimicrobial selectivity // *Molecules*. – 2024. – Vol. 29. – №. 14. – P. 3364.
5. Komarova K. Yu., Lukin A. Yu., Vinogradova L. V., Zhuravlev M. E., Dogonadze M. Z., Vinogradova T. I., Gureev M. A., Chudinov M. V., Dar'in D. V. The synthesis of 1-oxa-9-azaspiro[5.5]undecane derivatives and optimization of antituberculosis activity thereof // *Chem. Heterocycl. Compd.* – 2024. – Vol. 60. – №. 5–6. – P. 245–250.

6. Vinogradova L. V., Komarova K. Yu., Chudinov M. V., Rogacheva E. V., Kraeva L. A., Lukin A. Yu. Scaffold hopping in the oxadiazole antibiotic structure leads to more active compounds // *Mendeleev Commun.* – 2024. – Vol. 34. – №. 3. – P. 362–364.
7. Rogacheva E., Kraeva L., Lukin A., Vinogradova L., Komarova K., Chudinov M., Gureev M., Chupakhin E. 5-Nitrofuran-tagged oxazolyl pyrazolopiperidines: synthesis and activity against ESKAPE pathogens // *Molecules.* – 2023. – Vol. 28. – №. 18. – P. 6491.
8. Vedekhina T. S., Chudinov M. V., Lukin A. Yu. Design and synthesis of 4-nitroimidazole derivatives with potential antitubercular activity // *Fine Chem. Technol.* – 2023. – Vol. 18. – №. 3. – P. 219–229.
9. Grebenkina L. E., Prutkov A. N., Matveev A. V., Chudinov M. V. Synthesis of 5-oxymethyl-1,2,4-triazole-3-carboxamides // *Fine Chem. Technol.* – 2022. – Vol. 17. – №. 4. – P. 311–322.
10. Lukin A., Chudinov M., Vedekhina T., Rogacheva E., Kraeva L., Bakulina O., Krasavin M. Exploration of spirocyclic derivatives of ciprofloxacin as antibacterial agents // *Molecules.* – 2022. – Vol. 27. – №. 15. – P. 4864.
11. Matveev A. V., Grebenkina L. E., Prutkov A. N., Chudinov M. V. 5-Substituted 1,2,4-triazole-3-carboxylates and 5-substituted ribavirin analogs synthesis // *Curr. Protoc.* – 2021. – Vol. 1. – №. 11. – P. e281.