This layout includes the necessary components of the research article. The authors may add additional sections to their manuscript if needed.

UDC ... (Universal Decimal Classification,

<a href="https://udcsummary.info/php/index.php?lang=en&pr=Y">https://udcsummary.info/php/index.php?lang=en&pr=Y</a>)

Name1. Patronimic1. Surname1<sup>1,2,3</sup>, ...

<sup>1</sup>Institute of Organic Chemistry of the National Academy of Sciences of Ukraine,

5, Academician Kukhar str., Kyiv, 02660, Ukraine

<sup>2</sup>...

<sup>3</sup>...

# **Article Title**

## **Abstract**

A short description of the results that are disclosed in the manuscript. The abstract IS NOT divided into subsections. Do not include uncommon abbreviations, artwork, tables, elaborate equations, or references to other parts of the paper or to the reference listing at the end.

*Keywords*: KW1; KW2; ...Up to 7 keywords. The authors are encouraged to select keywords from the MeSH index of the National Library of Medicine of the United States https: <a href="https://www.nlm.nih.gov/mesh/">https://www.nlm.nih.gov/mesh/</a>.

**Im'я1.** По батькові1. Прізвище1,<sup>1,2,3</sup> ... (The Ukrainian section is not required for the authors who are not native speakers. The English abstract and keywords will be translated while preparing the manuscript for publication)

<sup>1</sup>Інститут органічної хімії Національної академії наук України, вул. Академіка Кухаря, 5, м. Київ, 02660, Україна

<sup>2</sup>...

## Назва статті

#### Анотація

**Ключові слова:** КС1; КС2; ...

**Supporting information:** *If applicable, otherwise leave this empty* 

**Funding:** *If applicable, otherwise indicate* "The author received no specific funding for this work"

Conflict of interests: *If applicable, otherwise indicate* "The authors have no conflict of interests to declare"

## Introduction

Compounds containing pyrrole core (Figure 1) are valuable objects of ...

**Figure 1.** A schematic representation of the split-and-pool process for the DNA-encoded library synthesis (Structures should be drawn using ChemDraw, style ACS Document 1996)

#### **Results and Discussion**

We identified 26 distinct types of the heterocycle formation reactions. They are summarized in **Table 1**.

Table 1. ...

Notes:

- 1. DNA fragment (double-stranded), ds-DNA
- 2. DNA fragment (single-stranded), ss-DNA
  - ss-DNA fragment on a solid support

. . .

#### **Conclusions**

...

Experimental Part (or Materials and Methods, this section may precede Results and Discussion)

. .

## Acknowledgments

The authors express their gratitude to ... (*if applicable*)

## References

References are provided in accordance with ACS guide <a href="https://pubs.acs.org/doi/full/10.1021/acsguide.40303">https://pubs.acs.org/doi/full/10.1021/acsguide.40303</a>.

*Information about the authors (example):* 

**Oleksandr V. Oksiuta**, Ph.D. Student of the Biologically Active Compounds Department, Institute of Organic Chemistry of the National Academy of Sciences of Ukraine; Data Scientist at Chemspace Ltd.; https://orcid.org/0000-0003-3049-0373.

Sergey V. Ryabukhin (corresponding author), Dr.Sci. in Chemistry, Professor, Head of the Supramolecular Chemistry Department, Institute of High Technologies, Taras Shevchenko National University of Kyiv; Senior Scientific Advisor, Enamine Ltd.; Senior Researcher of the Department of Physicochemical Investigations, Institute of Organic Chemistry of the National Academy of Sciences of Ukraine; <a href="https://orcid.org/0000-0003-4281-8268">https://orcid.org/0000-0003-4281-8268</a>; e-mail for correspondence: <a href="mailto:s.v.ryabukhin@gmail.com">s.v.ryabukhin@gmail.com</a>.