

# Nazariy Pokhodylo

## List of Publications by Year in descending order

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124  
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docs citations

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times ranked

842  
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#	ARTICLE	IF	CITATIONS
1	Synthesis of 1,2,3-Triazole Derivatives and Evaluation of their Anticancer Activity. <i>Scientia Pharmaceutica</i> , 2013, 81, 663-676.	0.7	78
2	Synthesis and anticancer activity evaluation of new 1,2,3-triazole-4-carboxamide derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 2426-2438.	1.1	60
3	New convenient synthesis of 2,3-diaminothieno[2,3-d]pyrimidin-4(3H)-one derivatives from substituted alkyl 2-(1H-tetrazol-1-yl)thiophene-3-carboxylates. <i>Tetrahedron</i> , 2008, 64, 1430-1434.	1.0	42
4	(Arylsulfonyl)acetones and -acetonitriles: New Activated Methylenic Building Blocks for Synthesis of 1,2,3-Triazoles. <i>Synthesis</i> , 2009, 2009, 2321-2323.	1.2	40
5	One-Pot Multicomponent Synthesis of 1-Aryl-5-methyl-1H-1,2,3-triazole-4-carboxamides: An Easy Procedure for Combinatorial Chemistry. <i>ACS Combinatorial Science</i> , 2009, 11, 481-485.	3.3	35
6	Synthesis of 1H-1,2,3-triazole derivatives by the cyclization of aryl azides with 2-benzothiazolylacetone, 1,3-benzothiazol-2-ylacetonitrile, and (4-aryl-1,3-thiazol-2-yl)acetonitriles. <i>Chemistry of Heterocyclic Compounds</i> , 2009, 45, 483-488.	0.6	33
7	Synthesis of ethyl 4,5-disubstituted 2-azido-3-thiophenecarboxylates and use in the synthesis of thieno[3,2-e][1,2,3]triazolo[1,5-a]pyrimidin-5(4H)-ones. <i>Tetrahedron</i> , 2009, 65, 2678-2683.	1.0	31
8	Synthesis of 1,2,4- and 1,3,4-oxadiazoles from 1-aryl-5-methyl-1H-1,2,3-triazole-4-carbonyl chlorides. <i>Russian Journal of Organic Chemistry</i> , 2008, 44, 1522-1527.	0.3	30
9	Synthesis and selected transformations of 1-(5-methyl-1-aryl-1H-1,2,3-triazol-4-yl)ethanones and 1-[4-(4-R-5-methyl-1H-1,2,3-triazol-1-yl)phenyl]ethanones. <i>Russian Journal of General Chemistry</i> , 2009, 79, 309-314.	0.3	25
10	Synthesis of 2,1-Benzisoxazoles by Nucleophilic Substitution of Hydrogen in Nitroarenes Activated by the Azole Ring. <i>Synthesis</i> , 2009, 2009, 2741-2748.	1.2	23
11	A convenient method for the synthesis of thiopyrano[4,3-c]quinoline, a new heterocyclic system. <i>Chemistry of Heterocyclic Compounds</i> , 2009, 45, 121-122.	0.6	22
12	Synthesis of new 1,2,3-triazolo[1,5-a]quinazolinones. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 415-420.	1.4	21
13	New cascade reaction of azides with malononitrile dimer to polyfunctional [1,2,3]triazolo[4,5-b]pyridine. <i>Synthetic Communications</i> , 2017, 47, 1096-1101.	1.1	21
14	A novel copper(I) sulfamate $\pi$ -complex based on the 5-(allylthio)-1-(3,5-dimethylphenyl)-1H-tetrazole ligand: Alternating-current electrochemical crystallization, DFT calculations, structural and NLO properties studies. <i>Polyhedron</i> , 2018, 147, 86-93.	1.0	20
15	Anticancer Activity Evaluation of New Thieno[2,3-d]pyrimidin-4(3H)-ones and Thieno[3,2-d]pyrimidin-4(3H)-one Derivatives. <i>Scientia Pharmaceutica</i> , 2018, 86, 28.	0.7	20
16	New Convenient Strategy for Annulation of Pyrimidines to Thiophenes or Furans via the One-pot Multistep Cascade Reaction of 1H-Tetrazoles with Aliphatic Amines. <i>ACS Combinatorial Science</i> , 2015, 17, 399-403.	3.8	18
17	Synthesis of isothiocoumarin derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2010, 46, 140-145.	0.6	17
18	A Novel Base-Solvent Controlled Chemoselective Azide Attack on an Ester Group versus Keto in Alkyl $\alpha$ -Substituted $\alpha$ -Oxopropanoates: Mechanistic Insights. <i>ChemistrySelect</i> , 2017, 2, 5871-5876.	0.7	17

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19	Facile and Efficient One-Pot Procedure for Thieno[2,3- <i>e</i> ][1,2,3]triazolo[1,5- <i>a</i> ]pyrimidines Preparation. <i>Synthetic Communications</i> , 2014, 44, 1002-1006.	1.1	16
20	Convenient synthetic path to ethyl 1-aryl-5-formyl-1H-1,2,3-triazole-4-carboxylates and 1-aryl-1,5-dihydro-4H-[1,2,3]triazolo[4,5- <i>d</i> ]pyridazin-4-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 773-779.	0.6	16
21	Anticancer activity evaluation of thieno[3,2- <i>e</i> ][1,2,3]triazolo[1,5- <i>a</i> ]pyrimidines and thieno[2,3- <i>e</i> ][1,2,3]triazolo[1,5- <i>a</i> ]pyrimidine derivatives. <i>Biopolymers and Cell</i> , 2019, 35, 321-330.	0.1	16
22	Novel Selected Tandem Transformations of the Amino and Carbonyl/Nitrile Groups in the Gewald Thiophenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2092-2100.	0.8	15
23	Synthesis of 2-Azido-1,3-thiazoles as 1,2,3-Triazole Precursors. <i>Synthetic Communications</i> , 2010, 40, 391-399.	1.1	15
24	A Convenient Synthesis of [1,2,3]Triazolo[1,5- <i>a</i> ]quinoline. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1241-1243.	0.3	15
25	Synthesis and transformations of 1-(azidophenyl)-1H-tetrazoles. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 556-560.	0.3	14
26	Cage-Like Amines in the Green Protocol of Transannular Thieno[2,3- <i>d</i> ]Pyrimidinone Formation as Promising Anticancer Agents. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 793-799.	0.6	14
27	Primary discovery of 1-aryl-5-substituted-1H-1,2,3-triazole-4-carboxamides as promising antimicrobial agents. <i>Journal of Molecular Structure</i> , 2021, 1246, 131146.	1.8	14
28	Synthesis of 1-( <i>R</i> -Phenyl)-5-( <i>R</i> -Methyl)-1H-1,2,3-triazole-4-carboxylic Acids by One-Pot Tandem Reaction. <i>Synthetic Communications</i> , 2010, 40, 1932-1938.	1.1	13
29	2-Azido-1,3,4-thiadiazoles, 2-Azido-1,3-thiazoles, and Aryl Azides in the Synthesis of 1,2,3-Triazole-4-carboxylic Acids and Their Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1090-1099.	0.3	13
30	Exciplex-Forming Systems of Physically Mixed and Covalently Bonded Benzoyl-1- <i>H</i> -1,2,3-Triazole and Carbazole Moieties for Solution-Processed White OLEDs. <i>Journal of Organic Chemistry</i> , 2022, 87, 4040-4050.	1.7	13
31	Synthesis of a new heterocyclic system " pyrido[3',2':4,5]thieno- [2,3- <i>e</i> ][1,2,3]triazolo[1,5- <i>a</i> ]pyrimidine. <i>Chemistry of Heterocyclic Compounds</i> , 2009, 45, 881-883.	0.6	12
32	4-Phosphonated or 4-Free 1,2,3-Triazoles: What Controls the Dimroth Reaction of Arylazides with 2-Oxopropylphosphonates?. <i>ChemistrySelect</i> , 2020, 5, 260-264.	0.7	12
33	Selected 5-amino-1-aryl-1H-1,2,3-triazole scaffolds as promising antiproliferative agents. <i>Ukrainian Biochemical Journal</i> , 2020, 92, 23-32.	0.1	12
34	Copper(I) complexes with 5-(allylthio)-1H-tetrazoles: synthesis and crystal structure of [Cu <sub>2</sub> (C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> S) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> and [Cu <sub>2</sub> (C <sub>10</sub> H <sub>9</sub> CIN <sub>4</sub> S) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> ·C <sub>2</sub> H <sub>5</sub> OH - compounds (C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> S and C <sub>10</sub> H <sub>9</sub> CIN <sub>4</sub> S - 5-(allylthio)-1-phenyl- and 5-(allylthio)-1-(4-chlorophenyl)-1H-tetrazole). <i>Chemistry of Metals and Alloys</i> , 2010, 3, 201-207.	0.2	12
35	Synthesis of Triazoles via Regioselective Reactions of Aryl Azides with Cyanoacetyl Pyrroles and Indoles. <i>Synthesis</i> , 2009, 2009, 1297-1300.	1.2	11
36	Selectivity in domino reaction of ortho-carbonyl azides with malononitrile dimer leading to [1,2,3]triazolo[1,5- <i>a</i> ]pyrimidines. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 209-212.	0.6	11

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37	The novel copper(I) $\pi$ -complexes with 1-(aryl)-5-(allylthio)-1H-tetrazoles: Synthesis, structure characterization, DFT-calculation and third-order nonlinear optics. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1049-1063.	0.8	11
38	Synthesis of [5-(1H-1,2,3-triazol-4-yl)-1,3,4-oxadiazol-2-yl]pyridines. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 417-421.	0.3	10
39	Copper(I) $\pi$ -complexes with 5-(allylthio)-1-(4-chlorophenyl)-1H-tetrazole. Synthesis and crystal structure of $[\text{Cu}_2(\text{C}_{10}\text{H}_9\text{ClN}_4\text{S})_2(\text{H}_2\text{O})_2](\text{NO}_3)_2 \cdot \text{C}_2\text{H}_5\text{OH}$ and $[\text{Cu}_3(\text{C}_{10}\text{H}_9\text{ClN}_4\text{S})\text{Cl}_3]$ compounds. <i>Chemistry of Metals and Alloys</i> , 2009, 2, 130-137.	0.2	10
40	Synthesis of [1,2,3]triazolo-[4',5':4,5]pyrimido[1,6-a]benzimidazole, a new heterocyclic system. <i>Chemistry of Heterocyclic Compounds</i> , 2009, 45, 245-247.	0.6	9
41	Synthesis and luminescence properties of the Pr(III), Sm(III), Eu(III), Nd(III), and Yb(III) complexes with propane-1,3-dione derivatives. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 309-315.	0.3	9
42	Multicomponent and Domino Reactions Leading to 1,2,3-Triazoles. <i>Topics in Heterocyclic Chemistry</i> , 2014, , 269-324.	0.2	9
43	One-pot synthesis of alkyl 3-aryl-2-(4-phenyl-1H-1,2,3-triazol-1-yl)propanoates. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 734-737.	0.3	9
44	Understanding the tetrazole ring cleavage reaction with hydrazines: Structural determination and mechanistic insight. <i>Tetrahedron Letters</i> , 2018, 59, 1112-1115.	0.7	9
45	Concurrent pathway and unexpected products in the CuAAC reaction of ethyl prop-2-ynyl methylphosphonate with aromatic azides. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 374-378.	0.6	9
46	Some Aspects of the Azide-Alkyne 1,3-Dipolar Cycloaddition Reaction. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1310-1321.	0.3	8
47	Synthesis of substituted 4-([1,2,4]triazolo[3,4-b]-[1,3,4]thiadiazol-6-yl)quinolines. <i>Russian Journal of Organic Chemistry</i> , 2007, 43, 1223-1227.	0.3	7
48	1-(5-((R)-Amino)-1,2,4-thiadiazol-3-yl)propan-2-ones: Convenient Ketomethylene Reagents for the Gewald and Dimroth Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1487-1490.	1.4	7
49	Dihydro-2H-thiopyran-3(4H)-one-1,1-dioxide "a new cyclic ketomethylene reagent for the Dimroth-type 1,2,3-triazole synthesis. <i>Synthetic Communications</i> , 2020, 50, 1835-1844.	1.1	7
50	Comparison of synthetic routes for fully substituted (1H-1,2,3-triazol-4-yl)acetic acids. <i>Current Chemistry Letters</i> , 2021, , 53-66.	0.5	7
51	Synthesis of (1H-1,2,3-Triazol-1-yl)acetic Acid Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 1421-1431.	0.3	7
52	Two related copper(I) $\pi$ -complexes based on 2-allyl-5-(2-pyridyl)-2H-tetrazole ligand: Synthesis and structure of $[\text{Cu}(2\text{-apyt})\text{NO}_3]$ and $[\text{Cu}(2\text{-apyt})(\text{H}_2\text{O})](\text{BF}_4)$ compounds. <i>Acta Chimica Slovenica</i> , 2016, 63, 399-405.	0.2	7
53	Chemoselective reaction of aryl azides with ethyl 3-oxo-4-(triphenylphosphor- anylidene) butanoate. <i>Chemistry of Heterocyclic Compounds</i> , 2009, 45, 1469-1472.	0.6	6
54	Synthesis of 3-Aryl-3,6-dihydro-7H-[1,2,3]triazolo[4,5-d]pyrimidine-7-thiones as Building Blocks for Potentially Biologically Active Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 578-581.	0.8	6

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55	Ethyl 2-Aminothiophene-3-Carboxylates in the Synthesis of Isomeric Thienopyridines. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 50, 1748-1755.	0.6	6
56	Convenient synthesis of 1-norbornyl-5-R-1H-1,2,3-triazole-4-carboxylic acids. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 481-483.	0.3	6
57	Methyl 3-cyclopropyl-3-oxopropanoate in the synthesis of heterocycles having a cyclopropyl substituent. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 894-897.	0.3	5
58	Synthesis of 6-(5-sulfanyl-1H-tetrazol-1-yl)-2H-chromen-2-one and 5-methyl-1-(2-oxo-2H-chromen-6-yl)-1H-1,2,3-triazole-4-carboxylic acid. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 1748-1749.	0.3	5
59	Synthesis and crystal structure of Cu(I) $\pi$ -complexes with N-allyl-5-amino-1-phenyl-1H-1,2,3-triazole-4-carboxamide [Cu(C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O)(NO <sub>3</sub> )] $\cdot$ 0.5H <sub>2</sub> O and [Cu(C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O)(CF <sub>3</sub> COOH)]. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 815-821.	0.3	5
60	Synthesis of 3,4-Dihydro-2H-Thiopyrans and Thiopyrano[3,4- $\bar{N}$ ]Chromenes Having a 1,2,3-Triazole Substituent by Using Thionylation $\hat{=}$ Hetero-Diels $\hat{=}$ Alder Domino Reaction. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 544-549.	0.6	5
61	Facile synthetic route to benzo[ <i>c</i> ]chromenones and thieno[2,3- <i>c</i> ]chromenones. <i>Synthetic Communications</i> , 2017, 47, 2399-2405.	1.1	5
62	One-pot synthesis of 1,2,3-triazole-4-ylmethyl-1,3,4/1,2,4-oxadiazoles starting from available chloromethyl-1,3,4/1,2,4-oxadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2969-2976.	1.4	5
63	Nitrileimines as an alternative to azides in base-mediated click [3 + 2] cycloaddition with methylene active nitriles. <i>RSC Advances</i> , 2020, 10, 13696-13699.	1.7	5
64	First Silver(I) - Complexes with Tetrazole Allyl Derivatives. Synthesis and Crystal Structure of [Ag <sub>2</sub> (C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> S) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> and [Ag(C <sub>10</sub> H <sub>9</sub> CIN <sub>4</sub> S)(NO <sub>3</sub> )] $\pi$ -Compounds (C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> S and C <sub>10</sub> H <sub>9</sub> CIN <sub>4</sub> S). <i>Journal of Inorganic and Nuclear Chemistry</i> , 2021, 11, 134-8.	0.2	5
65	Crystal structure, DFT-study and NLO properties of the novel copper(I) nitrate $\pi$ - $\pi$ -coordination compound based on 1-allyl-3-norbornan-thiourea. <i>Polyhedron</i> , 2022, 211, 115545.	1.0	4
66	Synthesis of thieno[2,3- <i>e</i> ][1,4]diazepine derivatives. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 449-451.	0.3	3
67	Crystal structure of a new $\pi$ -complex of AgClO <sub>4</sub> with 1-allyl-5-(2-pyridyl)-1H-tetrazole of the composition [Ag <sub>2</sub> (C <sub>9</sub> H <sub>6</sub> N <sub>5</sub> ) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> . <i>Journal of Structural Chemistry</i> , 2014, 55, 368-369.	0.3	3
68	A Convenient One-Pot Synthesis of 1,5-Disubstituted Tetrazoles Containing an Amino or a Carboxy Group. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 802-812.	0.3	3
69	Solvent-free synthesis of cytosine-thienopyrimidinone conjugates via transannulation of 1H-tetrazoles: Crystal and molecular structure, docking studies and screening for anticancer activity. <i>Journal of Molecular Structure</i> , 2021, 1240, 130487.	1.8	3
70	Antimicrobial action of arylsulfonamides bearing (aza)norbornane and related motifs: evaluation of new promising anti-MRSA agents. <i>Medicinal Chemistry Research</i> , 2022, 31, 284-292.	1.1	3
71	A Study of alkylation regioselectivity of 5-substituted tetrazoles with chloroacetamides. <i>Russian Journal of General Chemistry</i> , 2010, 80, 836-841.	0.3	2
72	Synthesis and Reaction of 2-Mercapto-3-Arylpropanoic Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 850-858.	0.8	2

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73	Effective method of $\alpha$ -keto sulfones synthesis. Russian Journal of Organic Chemistry, 2014, 50, 296-297.	0.3	2
74	Selective Formation of Products of Interrupted Feist-Benary Reaction under the Conditions of Hantzsch Pyrrole Synthesis. Russian Journal of Organic Chemistry, 2018, 54, 799-801.	0.3	2
75	Synthesis, crystal structure and Hirshfeld surface analysis of 5-cyclopropyl-1 <i>H</i> -(2-hydroxyethyl)-1-(4-methylphenyl)-1 <i>H</i> -1,2,3-triazole-4-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1043-1047.	0.2	2
76	Synthesis, crystal structure and Hirshfeld surface analysis of 1-(4-chlorophenyl)-5-cyclopropyl-1 <i>H</i> -(4-methoxyphenyl)-1 <i>H</i> -1,2,3-triazole-4-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 756-760.	0.2	2
77	Metal-Free Synthesis of 1,5-Disubstituted 1,2,3-Triazoles. Russian Journal of Organic Chemistry, 2022, 58, 209-218.	0.3	2

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91	Convenient synthesis of 2-(4-amino-1H-1,2,3-triazol-1-yl) acetic acid. <i>Visnyk of the Lviv University Series Chemistry</i> , 2019, 60, 285.	0.0	1
92	Syntheses and crystal structures of two copper(I)–halide $\pi$ - $\pi$ -coordination compounds based on 2-[(prop-2-en-1-yl)sulfanyl]pyridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 1180-1184.	0.2	1
93	Ethyl 5-Formyl-1-(pyridin-3-yl)-1H-1,2,3-triazole-4-carboxylate: Synthesis, Crystal Structure, Hirshfeld Surface Analysis, and DFT Calculation. <i>MolBank</i> , 2022, 2022, M1340.	0.2	1
94	Synthesis of 1-(1-aryl-1H-1,2,3-triazol-4-yl)- $\beta$ -carboline derivatives. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 275-279.	0.3	0
95	$\pi$ -complexes of Cu(I) as catalysts for the CuAAC reactions. <i>Visnyk of the Lviv University Series Chemistry</i> , 2019, 60, 247.	0.0	0
96	Evaluation of the antiproliferative activity of selected 1,2,3-triazole-4-carboxylic acids – key fragments and precursors of antitumor 1,2,3-triazole-4-carboxamides. <i>Biopolymers and Cell</i> , 2021, 37, 303-314.	0.1	0
97	Design, Synthesis and In Vitro Anticancer Activity of Benzo[c]chromen-6- one-linked 1,2,3-Triazole. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 490-499.	0.4	0
98	Synthesis and Ring-Chain Tautomerism of 1-(4-Ethoxyphenyl)-5-formyl-1H-1,2,3-triazole-4-carboxylic Acid: The First Representative of a 5-Formyl-1H-1,2,3-triazole-4-carboxylic Acids Series. <i>MolBank</i> , 2022, 2022, M1397.	0.2	0
99	4-(Benzo[d]thiazol-2-yl)-1-(2-nitrophenyl)-1H-1,2,3-triazol-5-amine. <i>MolBank</i> , 2022, 2022, M1398.	0.2	0
100	Allylcytosine as a convenient scaffold for the construction of the $\pi$ - $\pi$ -coordination compound $\{Acyt(H^+)\}_2[Cu_8\{Acyt(H^+)\}_2Cl_{10}]$ with the unusual anionic 1D-coordination polymer. <i>Polyhedron</i> , 2022, 224, 116022.	1.0	0