

# Determination of Absolute Configuration and Conformation and Chiral Spectroscopic Methods

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assignment of Configuration in a Series of Dioxolanone- $\alpha$ -Type Secondary Metabolites from <i>Guignardia bidwellii</i> – A Comparison of VCD and ECD Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5946-5951.	1.2	17
2	Cyclic dipeptides from lactic acid bacteria inhibit proliferation of the influenza A virus. <i>Journal of Microbiology</i> , 2013, 51, 836-843.	1.3	51
3	Determination of Absolute Configuration and Conformation of a Cyclic Dipeptide by NMR and Chiral Spectroscopic Methods. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1721-1736.	1.1	59
5	The utility of dimolybdenum tetrakis( $\frac{1}{4}$ -isovalerate) and tetrakis( $\frac{1}{4}$ -pivalate) in the stereochemical studies of various transparent compounds. <i>RSC Advances</i> , 2014, 4, 43691-43707.	1.7	4
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7	Chiroptical Inversion Induced by Rotation of a Carbon-Carbon Single Bond: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 283-292.	1.1	12
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9	Raman Optical Activity of a Cyclic Dipeptide Analyzed by Quantum Chemical Calculations Combined with Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 6767-6774.	1.2	23
10	Marine Natural Occurring 2,5-Diketopiperazines: Isolation, Synthesis and Optical Properties. <i>Heterocycles</i> , 2015, 90, 1351.	0.4	11
11	Diversity of Coordination Modes, Structures, and Properties of Chiral Metal-Organic Coordination Complexes of the Drug Voriconazole. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5281-5290.	1.0	10
12	Purification and synergistic antibacterial activity of arginine derived cyclic dipeptides, from <i>Achromobacter</i> sp. associated with a rhabditid entomopathogenic nematode against major clinically relevant biofilm forming wound bacteria. <i>Frontiers in Microbiology</i> , 2015, 6, 876.	1.5	21
13	Chemistry of 2,5-Diketopiperazine and Its Bis-Lactim Ether: A Brief Review. <i>Heterocycles</i> , 2015, 91, 1349.	0.4	19
14	A configurational and conformational study of ( $\alpha$ )-Oseltamivir using a multi-chiroptical approach. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2999-3010.	1.5	21
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16	Prediction of ROA and ECD Related to Conformational Changes of Astaxanthin Enantiomers. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12193-12201.	1.2	19
17	Stereochemistry of the Brivaracetam Diastereoisomers. <i>Chirality</i> , 2016, 28, 215-225.	1.3	17
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21	Structural, electronic and spectral properties of carborane-containing boron dipyrromethenes (BODIPYs): A first-principles study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 149-154.	2.0	6
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28	Design of novel graphdiyne-based materials with large second-order nonlinear optical properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7576-7583.	2.7	67
29	A facile synthesis of cysteine-based diketopiperazine from thiol-protected precursor. <i>Royal Society Open Science</i> , 2018, 5, 180272.	1.1	6
30	Marine Natural Peptides: Determination of Absolute Configuration Using Liquid Chromatography Methods and Evaluation of Bioactivities. <i>Molecules</i> , 2018, 23, 306.	1.7	25
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33	Giant enhancement of electronic polarizability and the first hyperpolarizability of fluoride-decorated graphene <i>versus</i> graphyne and graphdiyne: insights from <i>ab initio</i> calculations. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13165-13175.	1.3	31
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35	Graphdiyne: A promising nonlinear optical material modulated by tetrahedral alkali-metal nitrides. <i>Journal of Molecular Liquids</i> , 2019, 277, 641-645.	2.3	41
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40	A cyclic dipeptide from the Chilean hazelnut cotyledons ( <i>Gevuina avellana</i> Mol., Proteaceae). <i>Scientific Reports</i> , 2020, 10, 7070.	1.6	5
41	DFT study of cyclic glycine-alanine dipeptide binding to gold nanoclusters. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 103, 107823.	1.3	6
42	Unified enantioselective total synthesis of 3,6-dioxygenated diketopiperazine natural products, diatretole and lepidostamides A, B and C. <i>Tetrahedron Letters</i> , 2021, 67, 152895.	0.7	3
43	Indole Alkaloids from a Soil-Derived <i>Clonostachys rosea</i> . <i>Journal of Natural Products</i> , 2021, 84, 2468-2474.	1.5	15
44	Probing the non-bonding interaction of small molecules with graphene oxide using DFT based vibrational circular dichroism. <i>Computational and Theoretical Chemistry</i> , 2021, , 113503.	1.1	1
45	Synthesis and Vibrational Circular Dichroism Analysis of N-Heterocyclic Carbene Precursors Containing Remote Chirality Centers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3471.	1.8	4
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48	Synthesis, spectral analysis, quantum studies, NLO, and thermodynamic properties of the novel 5-(6-hydroxy-4-methoxy-1-benzofuran-5-ylcarbonyl)-6-amino-3-methyl-1H-pyrazolo[3,4-b]pyridine (HMBPP). <i>RSC Advances</i> , 2022, 12, 13135-13153.	1.7	8
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50	Spinal infection with intraspinal abscess or empyema and acute myelopathy: comparative analysis of diagnostics, therapy, complications and outcome in primary care. <i>European Journal of Trauma and Emergency Surgery</i> , 0, , .	0.8	2
51	Two stereoisomers of 4-hydroxy prenylamine and its hydrochloride salts. <i>Journal of Molecular Structure</i> , 2022, , 133428.	1.8	0
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56	Genome mining for unknown natural products. <i>Nature Chemical Biology</i> , 2023, 19, 633-640.	3.9	20

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