

# Isoxazol-5(4*H*)one Derivatives as PTP1B Inhibitors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Combinatorial Chemistry Online. <i>Combinatorial Chemistry</i> , 2011, 13, 37-39.	0.0	0
2	N-Heterocyclic carbene mediated Reformatsky reaction of aldehydes with $\beta$ -trimethylsilylcarbonyl compounds. <i>Tetrahedron</i> , 2013, 69, 607-612.	1.0	19
3	Regioselektive katalytische asymmetrische C-Alkylierung von Isoxazolinonen durch basenfreie Palladacyclus-katalysierte direkte 1,4-Addition. <i>Angewandte Chemie</i> , 2015, 127, 2829-2833.	1.6	25
4	Regioselective Catalytic Asymmetric C-Alkylation of Isoxazolinones by a Base-Free Palladacycle-Catalyzed Direct 1,4-Addition. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2788-2791.	7.2	64
5	N-bromosuccinimide (NBS)-promoted, three-component synthesis of $\beta,\beta$ -unsaturated isoxazol-5(4H)-ones, and spectroscopic investigation and computational study of 3-methyl-4-(thiophen-2-ylmethylene)isoxazol-5(4H)-one. <i>Research on Chemical Intermediates</i> , 2015, 41, 7739-7773.	1.3	47
6	A ZnCl <sub>2</sub> -Catalyzed Knoevenagel Condensation/1,5-Hydride Shift/Cyclization Sequence: Synthesis of Novel Spiroisoxazol-5-Tetrahydroquinolines. <i>ChemistrySelect</i> , 2016, 1, 3713-3717.	0.7	20
7	Expeditious green synthesis of 3,4-disubstituted isoxazole-5(4H)-ones catalyzed by nano-MgO. <i>Research on Chemical Intermediates</i> , 2016, 42, 6831-6844.	1.3	51
8	Selective Oxidative Coupling of 3-H-Pyrazol-3-ones, Isoxazol-5(2-H)-ones, Pyrazolidine-3,5-diones, and Barbituric Acids with Malonyl Peroxides: An Effective C-O Functionalization. <i>ChemistrySelect</i> , 2017, 2, 3334-3341.	0.7	23
9	Sulfated polyborate catalyzed expeditious and efficient three-component synthesis of 3-methyl-4-(hetero)arylmethylene isoxazole-5(4H)-ones. <i>Tetrahedron Letters</i> , 2017, 58, 3256-3261.	0.7	58
10	The synthetic and therapeutic expedition of isoxazole and its analogs. <i>Medicinal Chemistry Research</i> , 2018, 27, 1309-1344.	1.1	129
11	Doppelt regioselektive asymmetrische C-Allylierung von Isoxazolinonen: Iridium-katalysierte N-Allylierung mit nachfolgender Aza-Cope-Umlagerung. <i>Angewandte Chemie</i> , 2018, 130, 1418-1422.	1.6	21
12	Double Regioselective Asymmetric C-Allylation of Isoxazolinones: Iridium-Catalyzed N-Allylation Followed by an Aza-Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1404-1408.	7.2	71
13	Total Synthesis of Natural Product Piperodione and Its Analogues. <i>ChemistrySelect</i> , 2018, 3, 5975-5980.	0.7	2
14	Synthesis and characterization of nanocrystalline hydroxyapatite and its catalytic behavior towards synthesis of 3,4-disubstituted isoxazole-5(4H)-ones in water. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5118.	1.7	52
15	Oxidative C-O coupling as a new idea in the "click-like chemistry"™: malonyl peroxides for the conjugation of two molecules. <i>Mendeleev Communications</i> , 2019, 29, 132-134.	0.6	3
16	Isatins 3-C annulation vs ring-opening: Two different pathways for synthesis of spiro compounds via multicomponent reactions. <i>Tetrahedron Letters</i> , 2019, 60, 151181.	0.7	22
17	Green Synthesis of 3-Substituted-4-arylmethylideneisoxazol-5(4H)-one Derivatives Catalyzed by Salicylic Acid. <i>Current Organocatalysis</i> , 2019, 6, 28-35.	0.3	32
18	2,2-((1,4-Dimethoxy-1,4-dioxobutane-2,3-diylidene))bis(azanilylidene))bis(quinoline-3-carboxylic acid). <i>MolBank</i> , 2019, 2019, M1093.	0.2	1

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19	Facile and expedient synthesis of 1,2-unsaturated isoxazol-5(4H)-ones under mild conditions. <i>Research on Chemical Intermediates</i> , 2020, 46, 943-959.	1.3	29
20	Preparation and characterization of supported bimetallic gold-iron nanoparticles, and its potential for heterogeneous catalysis. <i>Research on Chemical Intermediates</i> , 2020, 46, 1373-1387.	1.3	17
21	Concentrated Solar Radiation Aided Green Approach for Preparative Scale and Solvent-Free Synthesis of 3-Methyl-4-(hetero)arylmethylene Isoxazole-5(4H)-ones. <i>ChemistrySelect</i> , 2020, 5, 12320-12323.	0.7	17
22	N-Allylation versus C-allylation of intermediates from aza-Michael adducts of arylideneisoxazol-5-ones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9516-9525.	1.5	11
23	On the Necessity of One-Pot Tautomer Trapping in Asymmetric Michael Reactions of Arylideneisoxazol-5-ones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2264-2270.	1.2	15
24	Regioselective catalytic asymmetric N-alkylation of isoxazol-5-ones with para-quinone methides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2398-2404.	1.5	19
25	Green Three-component Synthesis of Merocyanin Dyes Based on 4-Arylideneisoxazol-5(4H)-ones. <i>Current Green Chemistry</i> , 2020, 7, 217-225.	0.7	21
26	Green synthesis of 3,4-disubstituted isoxazol-5(4H)-ones using ZnO@Fe <sub>3</sub> O <sub>4</sub> core-shell nanocatalyst in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5544.	1.7	32
27	Sulfonated Graphene Oxide as Metal-Free Efficient Carbocatalyst for the Synthesis of 3-Methyl-4-(hetero)arylmethylene isoxazole-5(4H)-ones and Substituted Pyrazole. <i>ChemistrySelect</i> , 2020, 5, 626-636.	0.7	27
28	MnO <sub>2</sub> @Zeolite-Y Nanoporous: Preparation and Application as a High Efficient Catalyst for Multi-Component Synthesis of 4-Arylidene-Isoxazolidinones. <i>Silicon</i> , 2021, 13, 201-210.	1.8	9
29	SP1-independent inhibition of FOXM1 by modified thiazolidinediones. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112902.	2.6	16
30	Synthetic enzyme-catalyzed multicomponent reaction for Isoxazol-5(4H)-one Syntheses, their properties and biological application; why should one study mechanisms?. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1514-1531.	1.5	15
31	Theoretical study of rhodium- and cobalt-catalyzed decarboxylative transformations of isoxazolones: origin of product selectivity. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1257-1266.	2.3	2
32	ANTIOXIDANT, PTP 1B INHIBITION AND Î-AMYLASE INHIBITION PROPERTY AND GC-MS ANALYSIS OF METHANOLIC LEAVES EXTRACT OF ACHYRANTHES ASPERA AND CATHARANTHUS ROSELUS OF NEPAL. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 0, , 49-55.	0.3	2
33	Fruit Extract of Avertroa bilimbi: A Green Neoteric Micellar Medium for Isoxazole and Biginelli-Like Synthesis. <i>Research on Chemical Intermediates</i> , 2021, 47, 4369-4398.	1.3	14
34	An efficient solvent-free synthesis of 3,4-disubstituted isoxazole-5(4H)-ones using microwave irradiation. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100013.	1.3	16
35	Isoxazolone Derivatives as Potent Inhibitors of PTP1B. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 275-277.	1.0	16
36	Amine Functionalized Dendronized Polymer as a Homogeneous Base Catalyst for the Synthesis of Polyhydroquinolines and 4-Arylidene-3-Methylisoxazol-5(4H)-Ones. <i>Catalysis Letters</i> , 2022, 152, 2457-2469.	1.4	3

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37	Asymmetric Addition and Cycloaddition Reactions with Ylidene- $\epsilon$ -Membered Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5196-5234.	2.1	9
38	Pyruvic acid-catalyzed one-pot three-component green synthesis of isoxazoles in aqueous medium: a comparable study of conventional heating versus ultra-sonication. <i>Journal of Chemical Sciences</i> , 2022, 134, 1.	0.7	14
39	Catalytic Approaches to Multicomponent Reactions: A Critical Review and Perspectives on the Roles of Catalysis. <i>Molecules</i> , 2022, 27, 132.	1.7	32
40	Catalytic Asymmetric Chlorination of Isoxazolinones. <i>European Journal of Organic Chemistry</i> , 2022, .	1.2	8
41	Access to $\beta$ -Alkylated $\beta$ -Functionalized Ketones via Conjugate Additions to Arylideneisoxazol-5-ones and Mo(CO) <sub>6</sub> -Mediated Reductive Cascade Reactions. <i>ACS Omega</i> , 2022, 7, 8808-8818.	1.6	9
42	Recent updates on development of protein-tyrosine phosphatase 1B inhibitors for treatment of diabetes, obesity and related disorders. <i>Bioorganic Chemistry</i> , 2022, 121, 105626.	2.0	27
43	A Convenient Green Protocol for the Synthesis of 4-Arylmethylidene-3-substituted-isoxazol-5(4H)-ones catalysed by Dimethylaminopyridine (DMAP). <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 0, , 75-81.	0.0	0
44	Enantioenriched $\beta$ -Aminoalcohols, $\beta$ -Amino Acids, $\beta$ -Lactams, and Azetidines Featuring Tetrasubstituted Fluorinated Stereocenters via Palladacycle-Catalyzed Asymmetric Fluorination of Isoxazolinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 670-682.	1.7	19
45	Synthesis, Characterization and Complex Evaluation of Antibacterial Activity and Cytotoxicity of New Arylmethylidene Ketones and Pyrimidines with Camphane Skeletons. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
46	Regioselective conjugate addition of isoxazol-5-ones to ethenesulfonyl fluoride. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4714-4718.	1.5	4
47	Efficient and Aqueous Synthesis of 3,4-Disubstituted Isoxazol-5(4H)-one Derivatives Using Piperazine under Green Conditions. <i>Heterocycles</i> , 2022, 104, 1625.	0.4	10
48	Lipase Catalyzed One-Pot Synthesis of 3-Methyl-4-(Hetero) Arylmethyleneisoxazole-5(4 <i>H</i> )-Ones under Aqueous Conditions. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-10.	1.4	2
49	Green Route for the Synthesis of 3,4-Disubstituted Isoxazol-5(4H)-ones Using GO@Fe(ClO <sub>4</sub> ) <sub>3</sub> Nanocatalyst under Solvent-Free Conditions. <i>Russian Journal of Organic Chemistry</i> , 2022, 58, 830-836.	0.3	5
50	One-pot multicomponent synthesis of 4-((2H-chromen-3-yl)/(2-phenyl-2H-chromen-3-yl)methylene)-3-methylisoxazol-5(4H)-ones and evaluation of their antibacterial activity. <i>Tetrahedron</i> , 2022, 124, 133015.	1.0	9
51	Organocatalytic enantioselective Mannich reaction of isoxazol-5(4 <i>H</i> )-ones to isatin-derived ketimines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 8395-8399.	1.5	4
52	BF <sub>3</sub> ·OEt <sub>2</sub> Promoted Inverse- $\beta$ -Electron Demand Oxa-Diels-Alder Reaction of Alkylidene Isoxazol-5-ones with Unactivated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 3800-3804.	2.1	8
53	An Expedient Synthesis of Ethyl-2-(4-(arylmethylene)-5-oxo-4,5-dihydroisoxazol-3-yl)acetate Derivatives. <i>Current Organic Chemistry</i> , 2022, 26, 1575-1584.	0.9	5
54	Urea-catalyzed multicomponent synthesis of 4-arylideneisoxazol-5(4H)-one derivatives under green conditions. <i>Research on Chemical Intermediates</i> , 2023, 49, 837-858.	1.3	6

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55	Strategies for the Enantioselective Synthesis of 2-alkylisoxazolines and 2-alkylisoxazolin-5-ones Bearing Fully Substituted Stereocenters**. European Journal of Organic Chemistry, 2022, 2022, .	1.2	4
56	A nano-organo catalyst mediated approach towards the green synthesis of 3-methyl-4-(phenyl)methylene-isoxazole-5(4H)-one derivatives and biological evaluation of the derivatives as a potent anti-fungal and anti-tubercular agent. Sustainable Chemistry and Pharmacy, 2023, 32, 100967.	1.6	6
57	Vitamin B <sub>1</sub> -Catalyzed Multicomponent Reaction for Efficient Synthesis of an Isoxazolone Compound by Using Ultrasound in a Water and Its Selective Identification of Metal Ions. ChemistrySelect, 2023, 8, .	0.7	4