

Amide Bond Bioisosteres: Strategies, Synthesis, and Success

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Click inspired synthesis of <i>p</i> -tert-butyl calix[4]arene tethered benzotriazolyl dendrimers and their evaluation as anti-bacterial and anti-biofilm agents. <i>New Journal of Chemistry</i> , 2020, 44, 19300-19313.	1.4	15
2	Synthesis and Study of the Structure of Palladium(II) Acyclic Diaminocarbene Complexes Containing a 1,2,4-Oxadiazole Moiety. <i>Russian Journal of General Chemistry</i> , 2020, 90, 1892-1900.	0.3	4
3	Store-Operated Calcium Entry as a Therapeutic Target in Acute Pancreatitis: Discovery and Development of Drug-Like SOCE Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 14761-14779.	2.9	14
4	The discovery of a potent and selective pyrazolo-[2,3- <i>e</i>]-[1,2,4]-triazine cannabinoid type 2 receptor agonist. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 113087.	2.6	6
5	Palladium-catalyzed cross-coupling reactions on a bromo-naphthalene scaffold in the search for novel human CC chemokine receptor 8 (CCR8) antagonists. <i>Bioorganic Chemistry</i> , 2021, 107, 104560.	2.0	2
6	1,2-Benzothiazine Derivatives from Sulfonylimidamides by Metal-Catalyzed Annulation Reactions in Solution and under Solvent-Free Mechanochemical Conditions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1322-1329.	2.1	18
7	Sustainable Triazine-Based Dehydro-Condensation Agents for Amide Synthesis. <i>Molecules</i> , 2021, 26, 191.	1.7	14
8	Copper-promoted direct amidation of isoindolinone scaffolds by sodium persulfate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7621-7626.	1.5	6
9	The Mechanochemical Beckmann Rearrangement: An Eco-efficient Cut-and-Paste Strategy to Design the Good Old Amide Bond. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2100-2114.	3.2	35
10	1,5-Disubstituted 1,2,3-Triazoles as Amide Bond Isosteres Yield Novel Tumor-Targeting Minigastrin Analogs. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 585-592.	1.3	13
11	Discovery of Imidazopyridines as Potent Inhibitors of Indoleamine 2,3-Dioxygenase 1 for Cancer Immunotherapy. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 494-501.	1.3	10
12	Cu-Catalyzed C(sp ²)-Trifluoromethylation of Aldehyde Hydrazones with Langlois Reagent. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2018-2024.	1.2	11
13	Reductive Functionalization of Amides in Synthesis and for Modification of Bioactive Compounds. <i>Frontiers in Chemistry</i> , 2021, 9, 655849.	1.8	36
14	New Amides and Phosphoramidates Containing Selenium: Studies on Their Cytotoxicity and Antioxidant Activities in Breast Cancer. <i>Antioxidants</i> , 2021, 10, 590.	2.2	5
15	Peptide Bond Formation of Amino Acids by Transient Masking with Silylating Reagents. <i>Journal of the American Chemical Society</i> , 2021, 143, 6792-6797.	6.6	24
16	Fishing in the Toolbox of Cyclic Turn Mimics: a Literature Overview of the Last Decade. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2887-2900.	1.2	11
17	Design and synthesis of <i>N</i> -(3-sulfamoylphenyl)amides as <i>Trypanosoma brucei</i> leucyl-tRNA synthetase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113319.	2.6	7
18	Development of Non-Ethoxypropanoic Acid Type Cryptochrome Inhibitors with Circadian Molecular Clock-Enhancing Activity by Bioisosteric Replacement. <i>Pharmaceuticals</i> , 2021, 14, 496.	1.7	7

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19	New Coumarin Derivatives as Cholinergic and Cannabinoid System Modulators. <i>Molecules</i> , 2021, 26, 3254.	1.7	8
20	Synthesis, Characterization, and DFT Studies of N-(3,5-Bis(trifluoromethyl)benzyl)stearamide. <i>MolBank</i> , 2021, 2021, M1215.	0.2	2
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25	Discovery of Novel Pyrazole Carboxylate Derivatives Containing Thiazole as Potential Fungicides. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8358-8365.	2.4	27
26	<i>N</i> -Heterocyclic Carbene-Catalyzed Four-Component Reaction: Chemoselective C _{sub} radical-C _{sub} radical Relay Coupling Involving the Homoenate Intermediate. <i>ACS Catalysis</i> , 2021, 11, 10123-10130.	5.5	30
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30	Discovery of First-in-Class Peptidomimetic Neurolysin Activators Possessing Enhanced Brain Penetration and Stability. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12705-12722.	2.9	10
31	Overcoming AlbD Protease Resistance and Improving Potency: Synthesis and Bioactivity of Antibacterial Albicidin Analogues with Amide Bond Isosteres. <i>Organic Letters</i> , 2021, 23, 7023-7027.	2.4	6
32	Facile conversion of molecularly complex (hetero)aryl carboxylic acids into alkynes for accelerated SAR exploration. <i>Chemistry - A European Journal</i> , 2021, 27, 14816-14820.	1.7	3
33	Discovery of Novel Acetamide-Based Heme Oxygenase-1 Inhibitors with Potent <i>In Vitro</i> Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13373-13393.	2.9	14
34	Diversity matters: Widening the chemical space in organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2022, 641, 119929.	4.1	15
35	Synthesis of new 1,4- and 1,5-disubstituted <i>N</i> -ethyl acetate and <i>N</i> -butyrolactone alkylimidazole derivatives as <i>N</i> -acylhomoserine lactone analogs. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 2298-2303.	1.4	2
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42	Recent Advances in Tetrazole Derivatives as Potential Antiviral Agents. Asian Journal of Chemistry, 2021, 33, 2599-2607.	0.1	0
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74	Rhodium-Catalyzed Azine-Directed C-H Amidation with <i>N</i> -Methoxyamides. <i>Journal of Organic Chemistry</i> , 2022, 87, 5543-5555.	1.7	4
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