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**Synthesis and evaluation of 3-aryloxyindoles as anticancer agents: metabolite approach**

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#	Paper	IF	Citations
77	Discovery of a potent tubulin polymerization inhibitor: synthesis and evaluation of water-soluble prodrugs of benzophenone analog. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 6327-30	2.9	24
76	Identification of CKD-516: a potent tubulin polymerization inhibitor with marked antitumor activity against murine and human solid tumors. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 6337-54	8.3	76
75	Scaffold-hopping strategy: synthesis and biological evaluation of 5,6-fused bicyclic heteroaromatics to identify orally bioavailable anticancer agents. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 3076-80	8.3	74
74	ZrCl <sub>4</sub> -mediated regio- and chemoselective Friedel-Crafts acylation of indole. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 4753-8	4.2	92
73	Discovery of 7-hydroxy-6-methoxy-2-methyl-3-(3,4,5-trimethoxybenzoyl)benzo[b]furan (BNC105), a tubulin polymerization inhibitor with potent antiproliferative and tumor vascular disrupting properties. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 6014-27	8.3	122
72	Solvent-free, microwave assisted Knoevenagel condensation of novel 2,5-disubstituted indole analogues and their biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 6112-8	6.8	51
71	Synthesis and biological evaluation of phenstatin metabolites. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 6042-54	3.4	24
70	Regioselective Friedel-Crafts Acylation of Indoles Catalysed by Zinc Oxide in an Ionic Liquid. <i>Journal of Chemical Research</i> , <b>2012</b> , 36, 600-602	0.6	4
69	Identification, synthesis, and biological evaluation of the metabolites of 3-amino-6-(3-aminopropyl)-5H-indeno[1,2-c]isoquinoline-5,11-(6H)dione (AM6-36), a promising rexinoid lead compound for the development of cancer chemotherapeutic and chemopreventive agents. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 5045-54	8.3	20
68	Investigations on the 4-quinolone-3-carboxylic acid motif part 5: modulation of the physicochemical profile of a set of potent and selective cannabinoid-2 receptor ligands through a bioisosteric approach. <i>ChemMedChem</i> , <b>2012</b> , 7, 920-34	3.7	24
67	Scaffold hybridization in generation of indenoindolones as anticancer agents that induce apoptosis with cell cycle arrest at G <sub>2</sub> /M phase. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 2474-9	2.9	40
66	Synthesis of a 2-aryl-3-aryl indole salt (OXi8007) resembling combretastatin A-4 with application as a vascular disrupting agent. <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1668-78	4.9	41
65	A novel microwave-irradiated solvent-free 3-acylation of indoles on alumina. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 4069	3.6	9
64	Synthesis of 3-acylindoles by palladium-catalyzed acylation of free (N-H) indoles with nitriles. <i>Organic Letters</i> , <b>2013</b> , 15, 788-91	6.2	77
63	Copper-promoted decarboxylative direct C <sub>3</sub> -acylation of N-substituted indoles with $\alpha$ -oxocarboxylic acids. <i>Chemical Communications</i> , <b>2013</b> , 49, 2368-70	5.8	102
62	Synthesis of 3-acyl-2-arylindole via palladium-catalyzed isocyanide insertion and oxypalladation of alkyne. <i>Organic Letters</i> , <b>2013</b> , 15, 3754-7	6.2	61
61	Biomedical importance of indoles. <i>Molecules</i> , <b>2013</b> , 18, 6620-62	4.8	725

60	Pd(II)-catalyzed ligand controlled synthesis of methyl 1-benzyl-1H-indole-3-carboxylates and bis(1-benzyl-1H-indol-3-yl)methanones. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 4602-9	3.9	21
59	Microwave Assisted Synthesis of Novel Imidazolopyridinyl Indoles as Potent Antioxidant and Antimicrobial Agents. <i>Journal of Chemistry</i> , <b>2014</b> , 2014, 1-8	2.3	3
58	Three-component domino reaction synthesis of highly functionalized bicyclic pyrrole derivatives. <i>Tetrahedron</i> , <b>2014</b> , 70, 1047-1054	2.4	23
57	Total syntheses of indolactam alkaloids (-)-indolactam V, (-)-pendolmycin, (-)-lyngbyatoxin A, and (-)-teleocidin A-2. <i>Chemical Science</i> , <b>2014</b> , 5, 2184-2190	9.4	53
56	Rhodium enalcarbenoids: direct synthesis of indoles by rhodium(II)-catalyzed [4+2] benzannulation of pyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4076-80	16.4	79
55	Improvement of the Friedel-Crafts benzoylation by using bismuth trifluoromethanesulfonate in 1-butyl-3-methylimidazolium trifluoromethanesulfonate ionic liquid under microwave irradiation. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 205-208	2	14
54	Palladium catalyzed addition of arylboronic acid or indole to nitriles: synthesis of aryl ketones. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 7198-7202	2	34
53	C7-derivatization of C3-alkylindoles including tryptophans and tryptamines. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11254-63	4.2	70
52	Esterase-activated release of naproxen from supramolecular nanofibres. <i>Chemical Communications</i> , <b>2014</b> , 50, 13757-60	5.8	36
51	Synthesis of 3-acylindoles by visible-light induced intramolecular oxidative cyclization of o-alkynylated N,N-dialkylamines. <i>Organic Letters</i> , <b>2014</b> , 16, 3264-7	6.2	80
50	Rhodium Enalcarbenoids: Direct Synthesis of Indoles by Rhodium(II)-Catalyzed [4+2] Benzannulation of Pyrroles. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4160-4164	3.6	23
49	A new methodology for functionalization at the 3-position of indoles by a combination of boron Lewis acid with nitriles. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2015</b> , 63, 538-45	1.9	4
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46	Indium triflate in 1-isobutyl-3-methylimidazolium dihydrogen phosphate: an efficient and green catalytic system for Friedel-Crafts acylation. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 2187-2192	2	19
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44	Synthesis of novel Indolyl benzo[b][1,4]diazepins as potent antimicrobial and antioxidant agents. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, S1063-S1068	5.9	8
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42	Indoles - A promising scaffold for drug development. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 91, 1-10	5.1	280
41	Decarboxylative/decarbonylative C3-acylation of indoles via photocatalysis: a simple and efficient route to 3-acylindoles. <i>Green Chemistry</i> , <b>2016</b> , 18, 4916-4923	10	57
40	Synthesis, biological evaluation and molecular docking studies of 2-amino-3,4,5-trimethoxyaroylindole derivatives as novel anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 2115-8	2.9	11
39	A general synthesis of arylindoles and (1-arylvinyl)carbazoles via a one-pot reaction from N-tosylhydrazones and 2-nitro-haloarenes and their potential application to colon cancer. <i>Chemical Communications</i> , <b>2016</b> , 52, 13027-13030	5.8	30
38	Pd(II)-Catalyzed Ligand-Controlled Synthesis of 2,3-Dihydroisoxazole-4-carboxylates and Bis(2,3-dihydroisoxazol-4-yl)methanones. <i>Heterocycles</i> , <b>2016</b> , 93, 512	0.8	2
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36	Cerium(III)-catalyzed C3-acylation of indoles with nitroolefins. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 800-803	2	10
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24	New Friedel-Crafts strategy for preparing 3-acylindoles. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 7792-7796	3.9	14
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6 Structure and Spectral Characteristics of 2-Oxoaldehydes and 2-Oxoacids. **2022**, 19-62

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4 Heck Reaction Boosted Heterocycle Ring-Closing and Ring-Opening Rearrangement: A Strategy for the Synthesis of Indolyl-Type Ligands. *Journal of Organic Chemistry*, **2021**, 86, 16977-16991 4.2 ○

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2 The Molecular Diversity of 1H-Indole-3-Carbaldehyde Derivatives and Their Role in Multicomponent Reactions.. *Topics in Current Chemistry*, **2022**, 380, 24 7.2 ○

1 Palladium metallaphotoredox-catalyzed 3-acylation of indole derivatives. **2022**, 58, 9492-9495 ○