Molecular Modeling, Total Synthesis, and Biological Eva

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Citation Report

#	Article	IF	Citations
1	Total Synthesis of Bryostatin 9. Journal of the American Chemical Society, 2011, 133, 9228-9231.	6.6	117
2	Marine Organisms and Their Prospective Use in Therapy of Human Diseases. , 2011, , 153-189.		2
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4	A two-step ball milling method synthesizes and purifies Î±,Î²-unsaturated esters. Green Chemistry, 2011, 13, 598.	4.6	46
5	Stereoselective synthesis of (3-aminodecahydro-1,4-methanonaphthalen-2-yl)methanols targeted to the C1 domain of protein kinase C. Tetrahedron, 2011, 67, 8665-8670.	1.0	7
6	The synthetic bryostatin analog Merle 23 dissects distinct mechanisms of bryostatin activity in the LNCaP human prostate cancer cell line. Biochemical Pharmacology, 2011, 81, 1296-1308.	2.0	28
7	Translating Natureâ€™s Library: The Bryostatins and Functionâ€Oriented Synthesis. Israel Journal of Chemistry, 2011, 51, 453-472.	1.0	48
8	Total Synthesis of Bryostatin 7 via Câ€“C Bond-Forming Hydrogenation. Journal of the American Chemical Society, 2011, 133, 13876-13879.	6.6	143
9	Total Syntheses of Bryostatins: Synthesis of Two Ringâ€Expanded Bryostatin Analogues and the Development of a Newâ€Generation Strategy to Access the C7â€“C27 Fragment. Chemistry - A European Journal, 2011, 17, 9789-9805.	1.7	33
10	Design and synthesis of protein kinase CÎ± activators based on â€˜out of pocketâ€™ interactions. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3587-3590.	1.0	6
11	Design, synthesis, and evaluation of potent bryostatin analogs that modulate PKC translocation selectivity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6721-6726.	3.3	96
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14	Development of diacyltetrol lipids as activators for the C1 domain of protein kinase C. Molecular BioSystems, 2012, 8, 1275.	2.9	12
15	Bryostatin 7. , 2012, , 103-130.		2
16	Role of the C8 gem-dimethyl group of bryostatin 1 on its unique pattern of biological activity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4084-4088.	1.0	25
17	Effects of the methoxy group in the side chain of debromoaplysiatoxin on its tumor-promoting and anti-proliferative activities. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4319-4323.	1.0	14
18	Comparison of transcriptional response to phorbol ester, bryostatin 1, and bryostatin analogs in LNCaP and U937 cancer cell lines provides insight into their differential mechanism of action. Biochemical Pharmacology, 2013, 85, 313-324.	2.0	19
20	Arthurâ€…C. Cope Scholar Awards. Angewandte Chemie - International Edition, 2014, 53, 7118-7118.	7.2	0

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22	Charge Density Influences C1 Domain Ligand Affinity and Membrane Interactions. ChemBioChem, 2014, 15, 1131-1144.	1.3	5
23	Synthesis of a des-B-Ring Bryostatin Analogue Leads to an Unexpected Ring Expansion of the Bryolactone Core. Journal of the American Chemical Society, 2014, 136, 13202-13208.	6.6	31
24	Synthesis of seco-B-Ring Bryostatin Analogue WN-1 via Câ€“C Bond-Forming Hydrogenation: Critical Contribution of the B-Ring in Determining Bryostatin-like and Phorbol 12-Myristate 13-Acetate-like Properties. Journal of the American Chemical Society, 2014, 136, 13209-13216.	6.6	33
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29	Synthetisch gewonnene Naturstofffragmente in der Wirkstoffentwicklung. Angewandte Chemie, 2016, 128, 3948-3970.	1.6	20
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31	Synthesis and Biological Evaluation of Several Bryostatin Analogues Bearing a Diacylglycerol Lactone C-Ring. Journal of Organic Chemistry, 2016, 81, 7862-7883.	1.7	6
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33	The evolution of a stereoselective synthesis of the C1â€“C16 fragment of bryostatins. Organic and Biomolecular Chemistry, 2016, 14, 9650-9681.	1.5	9
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39	Synthesis of vinylic iodides for incorporation into the C17-C27 fragment of bryostatins. Tetrahedron, 2017, 73, 3316-3328.	1.0	3

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41	Total synthesis of 7-des-O-pivaloyl-7-O-benzylbryostatin 10. Organic and Biomolecular Chemistry, 2017, 15, 9497-9526.	1.5	5
42	Synthetic approaches to the C11â€“C27 fragments of bryostatins. Organic and Biomolecular Chemistry, 2017, 15, 9475-9496.	1.5	4
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44	Recent topics of the natural product synthesis by Hornerâ€“Wadsworthâ€“Emmons reaction. Tetrahedron Letters, 2018, 59, 568-582.	0.7	37
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47	Towards 20,20-difluorinated bryostatin: synthesis and biological evaluation of C17,C27-fragments. Organic and Biomolecular Chemistry, 2019, 17, 1487-1505.	1.5	10
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54	Preclinical and Clinical Studies on Bryostatins, A Class of Marine-Derived Protein Kinase C Modulators: A Mini-Review. Current Topics in Medicinal Chemistry, 2020, 20, 1124-1135.	1.0	25
55	Linkage Disequilibrium and the Mapping of Human Disease Genes. International Journal of Genetics and Genomics, 2014, 2, 68.	0.1	0
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