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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH**

Judul Jurnal Ilmiah (Artikel) : Two new aromatic polyketides from a sponge-derived Fusarium
 Jumlah Penulis : 8 orang
 Status Pengusul : Penulis anggota
 Identitas Jurnal Ilmiah : a. Nama Jurnal : Journal of Organic Chemistry
 b. Nomor ISSN :
 c. Volume, nomor, bulan tahun : 2019, 15, 2941-2947.
 d. Penerbit : The Beilstein Publishing System
 e. DOI artikel (jika ada) : doi:10.3762/bjoc.15.289
 f. Alamat web jurnal :
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 - Hasil penelitian ini memberikan kontribusi signifikan terhadap pengembangan bahan alam & laut.

Semarang, 10 Januari 2020
 Reviewer I



Prof. Dr. Ir. Slamet Budi Prayitno, M.Sc
 NIP. 195506281981031005
 Unit kerja : Ilmu Kelautan FPIK Undip

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Prof. Ir. Tri Winarni A., M.Sc., Ph.D
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Two new aromatic polyketides from a sponge-derived *Fusarium* (Article) [\(Open Access\)](#)

Sibero, M.T.^{a,b}, Zhou, T.^c, Fukaya, K.^c, Urabe, D.^c, Karna Radjasa, O.K.^a, Sabdon, A.^a, Trianto, A.^a, Igarashi, Y.^c  

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^aDepartment of Marine Science, Faculty of Fisheries and Marine Science, Diponegoro University, Tembalang Campus, St. Prof. Soedarto SH, Semarang, Central Java, 50275, Indonesia

^bMarine Science Techno Park, Diponegoro University, Teluk Awur Campus, St. Undip, Jepara District, Central Java, Indonesia

^cBiotechnology Research Center, Toyama Prefectural University, 5180 Kurokawa, Imizu, Toyama, 939-0398, Japan

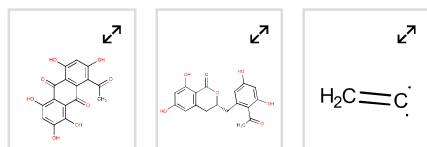
Abstract

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In our natural product screening program from marine fungi, two new aromatic polyketides karimunones A (1) and B (2) and five known compounds (3–7) were isolated from sponge-associated *Fusarium* sp. KJMT.FP.4.3 which was collected from an Indonesian sponge *Xestospongia* sp. The structures of these compounds were determined by the analysis of NMR and MS spectroscopic data. The NMR assignment of 1 was assisted by DFT-based theoretical chemical shift calculation. Compound 2 showed antibacterial activity against multidrug resistant *Salmonella enterica* ser. Typhi with a MIC of 125 µg/mL while 1 was not active. © 2019 Sibero et al.

Chemistry database information

Substances



Author keywords

[Aromatic polyketide](#) [Fusarium](#) [Marine fungus](#) [Secondary metabolite](#) [Sponge](#)

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Kementerian Riset Teknologi Dan Pendidikan Tinggi Republik Indonesia	315-06/UN7.5.1/PP/2017	

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- 1 Blunt, J.W., Carroll, A.R., Copp, B.R., Davis, R.A., Keyzers, R.A., Prinsep, M.R.
Marine natural products ([Open Access](#))
- (2018) *Natural Product Reports*, 35 (1), pp. 8-53. Cited 211 times.
<http://pubs.rsc.org/en/journals/journal/np>
doi: 10.1039/c7np00052a
- [View at Publisher](#)
-
- 2 Carroll, A.R., Copp, B.R., Davis, R.A., Keyzers, R.A., Prinsep, M.R.
Marine natural products ([Open Access](#))
- (2019) *Natural Product Reports*, 36 (1), pp. 122-173. Cited 65 times.
<http://pubs.rsc.org/en/journals/journal/np>
doi: 10.1039/c8np00092a
- [View at Publisher](#)
-
- 3 Hunt, B., Vincent, A.C.J.
Scale and sustainability of marine bioprospecting for pharmaceuticals
- (2006) *Ambio*, 35 (2), pp. 57-64. Cited 42 times.
doi: 10.1579/0044-7447(2006)35[57:SASOMB]2.0.CO;2
- [View at Publisher](#)
-
- 4 Bell, J.J.
The functional roles of marine sponges
- (2008) *Estuarine, Coastal and Shelf Science*, 79 (3), pp. 341-353. Cited 277 times.
doi: 10.1016/j.ecss.2008.05.002
- [View at Publisher](#)
-
- 5 Indraningrat, A.A.G., Smidt, H., Sipkema, D.
Bioprospecting sponge-associated microbes for antimicrobial compounds ([Open Access](#))
- (2016) *Marine Drugs*, 14 (5), art. no. 87. Cited 49 times.
<http://www.mdpi.com/1660-3397/14/5/87/pdf>
doi: 10.3390/md14050087
- [View at Publisher](#)
-
- 6 Tian, R.-M., Sun, J., Cai, L., Zhang, W.-P., Zhou, G.-W., Qiu, J.-W., Qian, P.-Y.
The deep-sea glass sponge *Lophophysema eversa* harbours potential symbionts responsible for the nutrient conversions of carbon, nitrogen and sulfur
- (2016) *Environmental microbiology*, 18 (8), pp. 2481-2494. Cited 14 times.
<http://www.blackwellpublishing.com/journals/EMI>
doi: 10.1111/1462-2920.13161
- [View at Publisher](#)
-
- 7 Kiran, G.S., Sekar, S., Ramasamy, P., Thinesh, T., Hassan, S., Lipton, A.N., Ninawe, A.S., (...), Selvin, J.
Marine sponge microbial association: Towards disclosing unique symbiotic interactions
- (2018) *Marine Environmental Research*, 140, pp. 169-179. Cited 3 times.
www.elsevier.com/locate/marenvres
doi: 10.1016/j.marenvres.2018.04.017
- [View at Publisher](#)
-
- 8 Blockley, A., Elliott, D.R., Roberts, A.P., Sweet, M.
Symbiotic microbes from marine invertebrates: Driving a new era of natural product drug discovery ([Open Access](#))
- (2017) *Diversity*, 9 (4), art. no. 49. Cited 7 times.
<http://www.mdpi.com/1424-2818/9/4/49/pdf>
doi: 10.3390/d9040049
- [View at Publisher](#)
-

- 9 Romano, G., Costantini, M., Sansone, C., Lauritano, C., Ruocco, N., Ianora, A.
Marine microorganisms as a promising and sustainable source of bioactive molecules
- (2017) *Marine Environmental Research*, 128, pp. 58-69. Cited 42 times.
www.elsevier.com/locate/marenvres
doi: 10.1016/j.marenvres.2016.05.002
- [View at Publisher](#)
-
- 10 Zhang, J., Yuan, B., Liu, D., Gao, S., Proksch, P., Lin, W.
Brasilianoids A-F, new meroterpenoids from the sponge-associated fungus penicillium brasilianum (Open Access)
- (2018) *Frontiers in Chemistry*, 6 (JUL), art. no. 314. Cited 5 times.
<https://www.frontiersin.org/articles/10.3389/fchem.2018.00314/full>
doi: 10.3389/fchem.2018.00314
- [View at Publisher](#)
-
- 11 Kumla, D., Dethoup, T., Gales, L., Pereira, J.A., Freitas-Silva, J., Costa, P.M., Silva, A.M.S., (...), Kijjoo, A.
Erubescensoic Acid, a new polyketide and a xanthonopyrone SPF-3059-26 From the culture of the marine sponge-associated fungus penicillium erubescens KUFA 0220 and Antibacterial activity evaluation of some of its constituents (Open Access)
- (2019) *Molecules*, 24 (1), art. no. 208.
<https://www.mdpi.com/1420-3049/24/1/208/pdf>
doi: 10.3390/molecules24010208
- [View at Publisher](#)
-
- 12 Mehubub, M.F., Lei, J., Franco, C., Zhang, W.
Marine sponge derived natural products between 2001 and 2010: Trends and opportunities for discovery of bioactives (Open Access)
- (2014) *Marine Drugs*, 12 (8), pp. 4539-4577. Cited 158 times.
<http://www.mdpi.com/1660-3397/12/8/4539/pdf>
doi: 10.3390/md12084539
- [View at Publisher](#)
-
- 13 Hanif, N., Murni, A., Tanaka, C., Tanaka, J.
Marine natural products from Indonesian waters (Open Access)
- (2019) *Marine Drugs*, 17 (6), art. no. 364. Cited 2 times.
<https://www.mdpi.com/1660-3397/17/6/364/pdf>
doi: 10.3390/md17060364
- [View at Publisher](#)
-
- 14 Lin, W., Brauers, G., Ebel, R., Wray, V., Berg, A., Sudarsono, Proksch, P.
Novel chromone derivatives from the fungus *Aspergillus versicolor* isolated from the marine sponge *Xestospongia exigua*
- (2003) *Journal of Natural Products*, 66 (1), pp. 57-61. Cited 62 times.
doi: 10.1021/np020196b
- [View at Publisher](#)
-
- 15 Rotinsulu, H., Yamazaki, H., Sugai, S., Iwakura, N., Wewengkang, D.S., Sumilat, D.A., Namikoshi, M.
Cladosporamide A, a new protein tyrosine phosphatase 1B inhibitor, produced by an Indonesian marine sponge-derived *Cladosporium* sp.
- (2018) *Journal of Natural Medicines*, 72 (3), pp. 779-783. Cited 3 times.
<http://www.springerlink.com/content/1861-0293/>
doi: 10.1007/s11418-018-1193-y
- [View at Publisher](#)
-
- 16 Sabdaningsih, A., Cristianawati, O., Sibero, M.T., Nuryadi, H., Radjasa, O.K., Sabdono, A., Trianto, A.
Screening Antibacterial Agent from Crude Extract of Marine-Derived Fungi Associated with Soft Corals against MDR-*Staphylococcus haemolyticus* (Open Access)
- (2017) *IOP Conference Series: Earth and Environmental Science*, 55 (1), art. no. 012026. Cited 3 times.
<http://www.iop.org/EJ/volume/1755-1315>
doi: 10.1088/1755-1315/55/1/012026
- [View at Publisher](#)

- 17 Sibero, M.T., Radjasa, O.K., Sabdono, A., Trianto, A., Triningsih, D.W., Hutagaol, I.D.
Antibacterial activity of indonesian sponge associated fungi against clinical pathogenic multidrug resistant bacteria ([Open Access](#))
- (2018) *Journal of Applied Pharmaceutical Science*, 8 (2), pp. 088-094. Cited 2 times.
http://www.japsonline.com/admin/php/uploads/2558_pdf.pdf
doi: 10.7324/JAPS.2018.8214
- [View at Publisher](#)
-
- 18 Sibero, M.T., Herdikiawan, D., Radjasa, O.K., Sabdono, A., Trianto, A., Triningsih, D.W.
Antibacterial activity of sponge associated fungi against vibriosis agents in shrimp and its toxicity to *Litopenaeus vannamei*
- (2018) *AAFL Bioflux*, 11 (1), pp. 10-18. Cited 4 times.
<http://www.bioflux.com.ro/docs/2018.10-18.pdf>
-
- 19 Betina, V., Sedmera, P., Vokoun, J., Podojil, M.
Anthraquinone pigments from a conidiating mutant of *Trichoderma viride*
- (1986) *Experientia*, 42 (2), pp. 196-197. Cited 23 times.
doi: 10.1007/BF01952466
- [View at Publisher](#)
-
- 20 Khokhar, S., Pierens, G.K., Hooper, J.N.A., Ekins, M.G., Feng, Y., Davis, R.A.
Rhodocomatulin-Type Anthraquinones from the Australian Marine Invertebrates *Clathria hirsuta* and *Comatula rotalaria*
- (2016) *Journal of Natural Products*, 79 (4), pp. 946-953. Cited 10 times.
<http://pubs.acs.org/journal/jnprdf>
doi: 10.1021/acs.jnatprod.5b01029
- [View at Publisher](#)
-
- 21 Li, S., Shao, M.-W., Lu, Y.-H., Kong, L.-C., Jiang, D.-H., Zhang, Y.-L.
Phytotoxic and antibacterial metabolites from *Fusarium proliferatum* zs07 isolated from the gut of long-horned grasshoppers
- (2014) *Journal of Agricultural and Food Chemistry*, 62 (36), pp. 8997-9001. Cited 17 times.
<http://pubs.acs.org/journal/jafcau>
doi: 10.1021/jf502484n
- [View at Publisher](#)
-
- 22 Bashyal, B.P., Gunatilaka, A.A.L.
Tricinonoic acid and tricindiol, two new irregular sesquiterpenes from an endophytic strain of *Fusarium tricinctum*
- (2010) *Natural Product Research*, 24 (4), pp. 349-356. Cited 13 times.
doi: 10.1080/14786410903125401
- [View at Publisher](#)
-
- 23 Nozoe, S., Goi, M., Morisaki, N.
Structure of cyclonerodiol
- (1970) *Tetrahedron Letters*, 11 (15), pp. 1293-1296. Cited 44 times.
doi: 10.1016/S0040-4039(01)91612-0
- [View at Publisher](#)
-
- 24 Stodůlková, E., Kolařík, M., Křesinová, Z., Kuzma, M., Šulc, M., Man, P., Novák, P., (...), Flieger, M.
Hydroxylated anthraquinones produced by *Geosmithia* species
- (2009) *Folia Microbiologica*, 54 (3), pp. 179-187. Cited 17 times.
doi: 10.1007/s12223-009-0028-3
- [View at Publisher](#)
-

- 25 Grimblat, N., Zanardi, M.M., Sarotti, A.M.
Beyond DP4: An Improved Probability for the Stereochemical Assignment of Isomeric Compounds using Quantum Chemical Calculations of NMR Shifts
(2015) *Journal of Organic Chemistry*, 80 (24), pp. 12526-12534. Cited 170 times.
<http://pubs.acs.org/joc>
doi: 10.1021/acs.joc.5b02396
View at Publisher
-
- 26 Fouillaud, M., Venkatachalam, M., Girard-Valenciennes, E., Caro, Y., Dufossé, L.
Anthraquinones and derivatives from marine-derived fungi: Structural diversity and selected biological activities (Open Access)
(2016) *Marine Drugs*, 14 (4), art. no. 64. Cited 38 times.
<http://www.mdpi.com/1660-3397/14/4/64/pdf>
doi: 10.3390/md14040064
View at Publisher
-
- 27 Cao, Q.-X., Wei, J.-H., Deng, R., Feng, G.-K., Zhu, X.-F., Lan, W.-J., Li, H.-J.
Two New Pyripyropenes from the Marine Fungus *Fusarium lateritium* 2016F18-1
(2017) *Chemistry and Biodiversity*, 14 (3), art. no. e1600298. Cited 6 times.
[http://onlineibrary.wiley.com/journal/10.1002/\(ISSN\)1612-1880](http://onlineibrary.wiley.com/journal/10.1002/(ISSN)1612-1880)
doi: 10.1002/cbdv.201600298
View at Publisher
-
- 28 Liu, S.-Z., Yan, X., Tang, X.-X., Lin, J.-G., Qiu, Y.-K.
New bis-alkenoic acid derivatives from a marine-derived fungus *Fusarium solani* H915 (Open Access)
(2018) *Marine Drugs*, 16 (12), art. no. 483. Cited 6 times.
<http://www.mdpi.com/journal/marinedrugs>
doi: 10.3390/md16120483
View at Publisher
-
- 29 Veitch, N.C., Simmonds, M.S.J., Blaney, W.M., Reynolds, T.
A dihydroisocoumarin glucoside from *Aloe hildebrandtii*
(1994) *Phytochemistry*, 35 (5), pp. 1163-1166. Cited 14 times.
doi: 10.1016/S0031-9422(00)94814-3
View at Publisher
-
- 30 Kjer, J., Debbab, A., Aly, A.H., Proksch, P.
Methods for isolation of marine-derived endophytic fungi and their bioactive secondary products
(2010) *Nature Protocols*, 5 (3), pp. 479-490. Cited 205 times.
doi: 10.1038/nprot.2009.233
View at Publisher
-
- 31 Kim, Y., Ogura, H., Akasaka, K., Oikawa, T., Matsuura, N., Imada, C., Yasuda, H., (...), Igarashi, Y.
Nocapyrones: α - and γ -pyrones from a marine-derived *Nocardioopsis* sp (Open Access)
(2014) *Marine Drugs*, 12 (7), pp. 4110-4125. Cited 24 times.
<http://www.mdpi.com/1660-3397/12/7/4110/pdf>
doi: 10.3390/md12074110
View at Publisher
-
- 32 (2018) *MacroModel*. Cited 11 times.
Version 12.1; Schrödinger, LLC: New York, NY
-
- 33 (2018) *Maestro, Version 11.7*
Schrödinger, LLC: New York, NY
-
- 34 (2016) *Gaussian 16*. Cited 949 times.
Revision B.01; Gaussian, Inc.: Wallingford, CT

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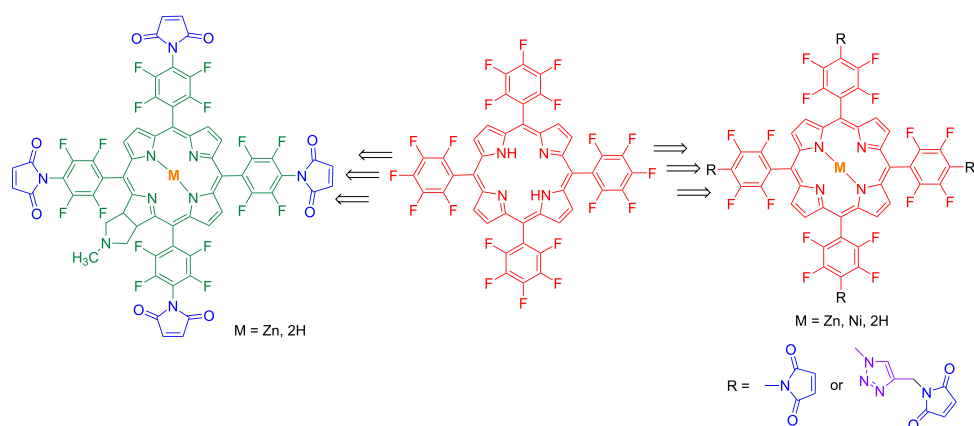


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Beilstein J. Org. Chem. **2019**, *15*, 2704–2709, doi:10.3762/bjoc.15.263

A review of asymmetric synthetic organic electrochemistry and electrocatalysis: concepts, applications, recent developments and future directions

Munmun Ghosh, Valmik S. Shinde and Magnus Rueping

Review

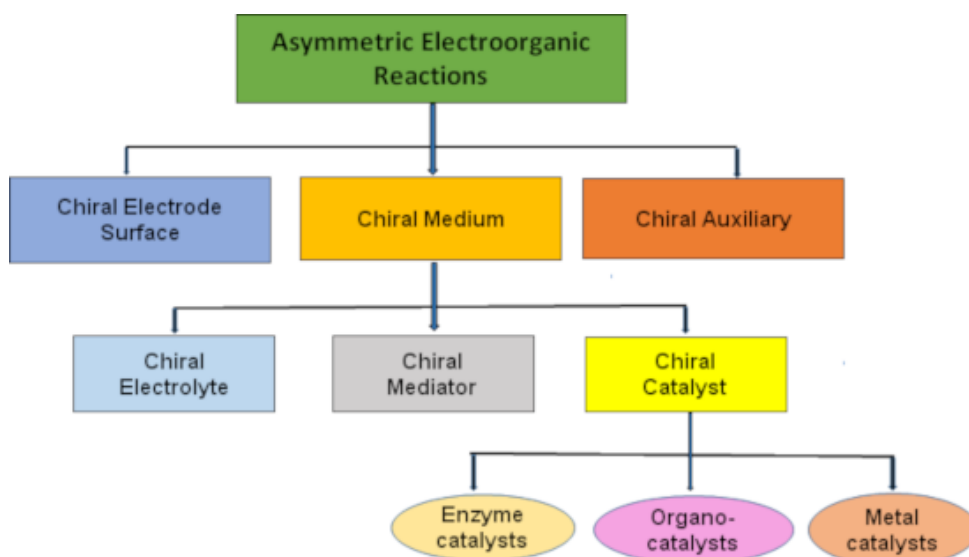
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Beilstein J. Org. Chem. **2019**, *15*, 2710–2746, doi:10.3762/bjoc.15.264

Iodine-mediated hydration of alkynes on keto-functionalized scaffolds: mechanistic insight and the regiospecific hydration of internal alkynes

Zachary Lee, Brandon R. Jones, Nyochembeng Nkengbeza, Michael Phillips, Kayla Valentine, Alexis Stewart, Brandon Sellers, Nicholas Shuber and Karelle S. Aiken

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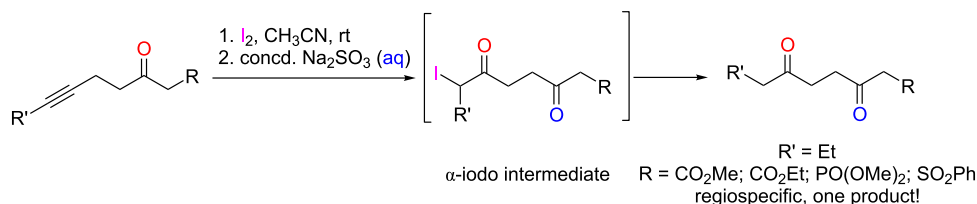
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A combinatorial approach to improving the performance of azoarene photoswitches

Joaquin Calbo, Aditya R. Thawani, Rosina S. L. Gibson, Andrew J. P. White and Matthew J. Fuchter

Full Research Paper Published 14 Nov 2019



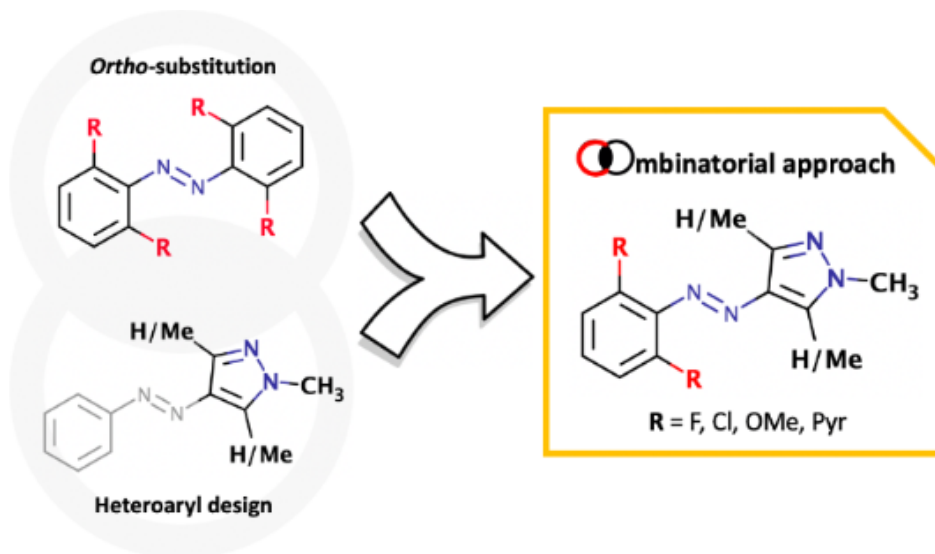
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Beilstein J. Org. Chem. 2019, 15, 2753–2764, doi:10.3762/bjoc.15.266

Progress in metathesis chemistry

Karol Grela and Anna Kajetanowicz

Editorial

Published 15 Nov 2019



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Beilstein J. Org. Chem. **2019**, *15*, 2765–2766, doi:10.3762/bjoc.15.267

A chiral self-sorting, photoresponsive coordination cage based on overcrowded alkenes

Constantin Stuckhardt, Diederik Roke, Wojciech Danowski, Edwin Otten, Sander J. Wezenberg and Ben L. Feringa

Full Research Paper

Published 15 Nov 2019



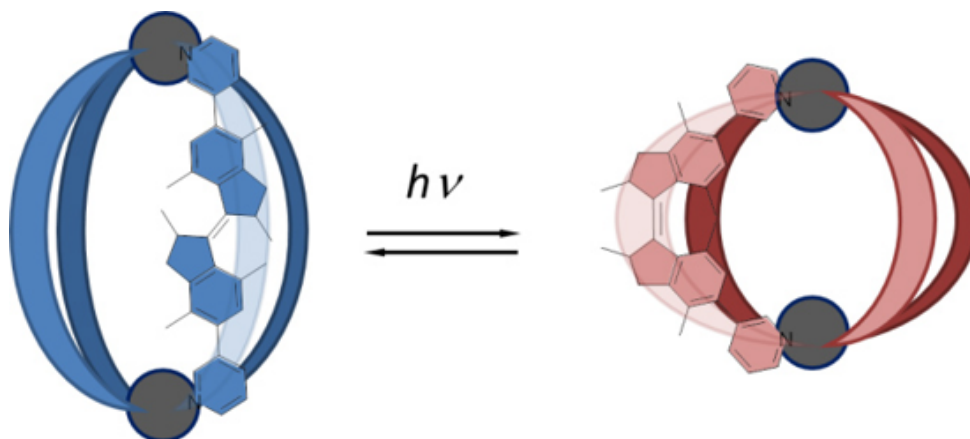
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Diversity-oriented synthesis of spirothiazolidinediones and their biological evaluation

Sambasivarao Kotha, Gaddamedi Sreevani, Lilya U. Dzhemileva, Milyausha M. Yunusbaeva, Usein M. Dzhemilev and Vladimir A. D'yakonov

Full Research Paper

Published 18 Nov 2019



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Beilstein J. Org. Chem. 2019, 15, 2774–2781, doi:10.3762/bjoc.15.269

Skeletocutins M–Q: biologically active compounds from the fruiting bodies of the basidiomycete *Skeletocutis* sp. collected in Africa

Tian Cheng, Clara Chepkirui, Cony Decock, Josphat C. Matasyoh and Marc Stadler

Full Research Paper

Published 19 Nov 2019



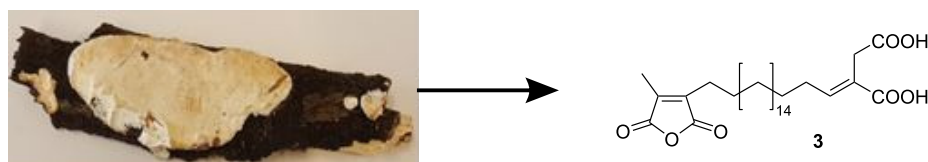
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Beilstein J. Org. Chem. 2019, 15, 2782–2789, doi:10.3762/bjoc.15.270

An improved, scalable synthesis of Notum inhibitor LP-922056 using 1-chloro-1,2-benziodoxol-3-one as a superior electrophilic chlorinating agent

Nicky J. Willis, Elliott D. Bayle, George Papageorgiou, David Steadman, Benjamin N. Atkinson, William Mahy and Paul V. Fish

Full Research Paper

Published 19 Nov 2019



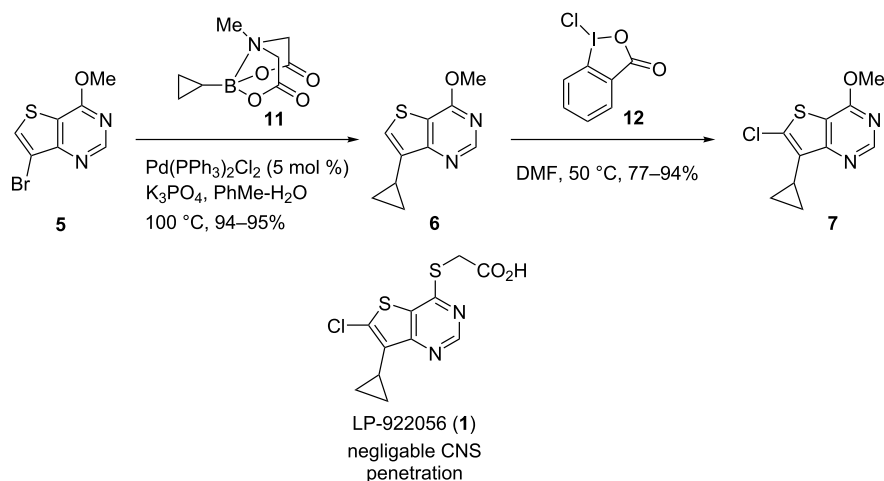
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Beilstein J. Org. Chem. **2019**, *15*, 2790–2797, doi:10.3762/bjoc.15.271

Dyes in modern organic chemistry

Heiko Ihmels

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Published 20 Nov 2019



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Bacterial terpene biosynthesis: challenges and opportunities for pathway engineering

Eric J. N. Helfrich, Geng-Min Lin, Christopher A. Voigt and Jon Clardy

Review Published 29 Nov 2019



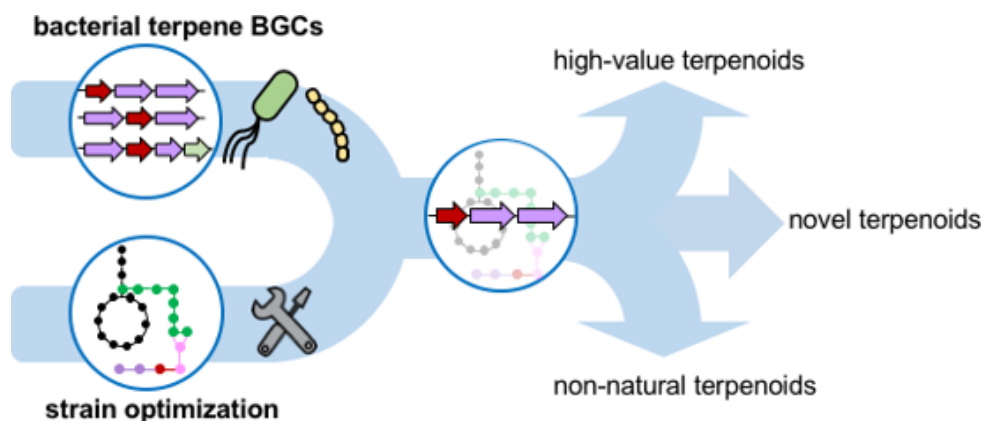
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Beilstein J. Org. Chem. **2019**, *15*, 2889–2906, doi:10.3762/bjoc.15.283

Palladium-catalyzed Sonogashira coupling reactions in γ -valerolactone-based ionic liquids

László Orha, József M. Tukacs, László Kollár and László T. Mika

Full Research Paper Published 03 Dec 2019



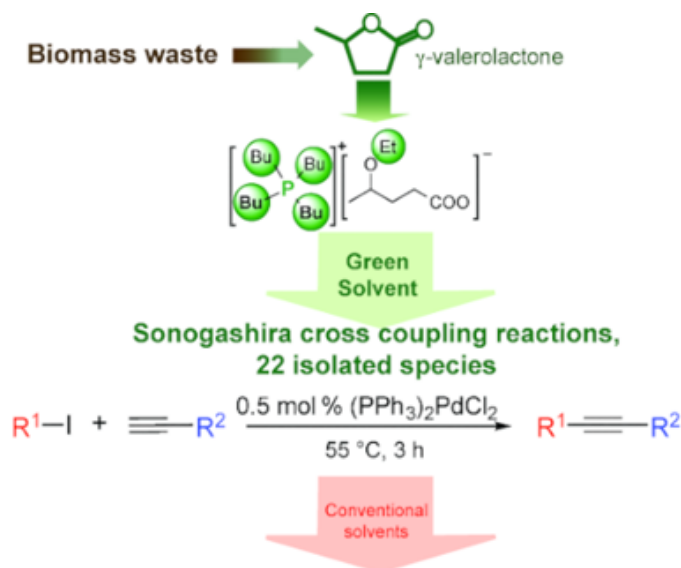
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Beilstein J. Org. Chem. **2019**, *15*, 2907–2913, doi:10.3762/bjoc.15.284

Synthesis and optoelectronic properties of benzoquinone-based donor–acceptor compounds

Daniel R. Sutherland, Nidhi Sharma, Georgina M. Rosair, Ifor D. W. Samuel, Ai-Lan Lee and Eli Zysman-Colman

Full Research Paper

Published 04 Dec 2019



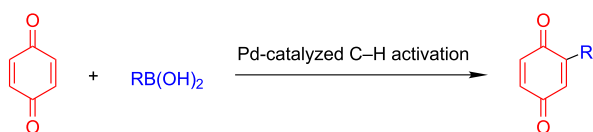
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- selective monofunctionalization
- mild and efficient conditions
- yields ca. 80%
- red TADF emitter

Beilstein J. Org. Chem. **2019**, *15*, 2914–2921, doi:10.3762/bjoc.15.285

Chemical synthesis of tripeptide thioesters for the biotechnological incorporation into the myxobacterial secondary metabolite argyrin via mutasynthesis

David C. B. Siebert, Roman Sommer, Domen Pogorevc, Michael Hoffmann, Silke C. Wenzel, Rolf Müller and Alexander Titz

Full Research Paper

Published 05 Dec 2019



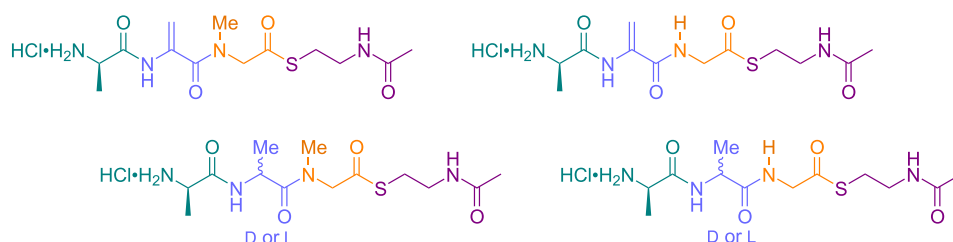
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Beilstein J. Org. Chem. **2019**, *15*, 2922–2929, doi:10.3762/bjoc.15.286

A green, economical synthesis of β -ketonitriles and trifunctionalized building blocks from esters and lactones

Daniel P. Pienaar, Kamogelo R. Butsi, Amanda L. Rousseau and Dean Brady

Letter

Published 06 Dec 2019



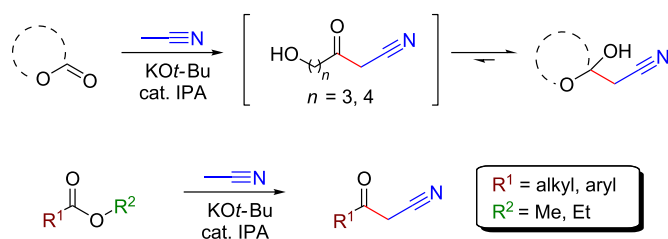
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Beilstein J. Org. Chem. **2019**, *15*, 2930–2935, doi:10.3762/bjoc.15.287

Automated glycan assembly of arabinomannan oligosaccharides from *Mycobacterium tuberculosis*

Alonso Pardo-Vargas, Priya Bharate, Martina Delbianco and Peter H. Seeberger

Full Research Paper

Published 06 Dec 2019



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Two new aromatic polyketides from a sponge-derived *Fusarium*

Mada Triandala Sibero, Tao Zhou, Keisuke Fukaya, Daisuke Urabe, Ocky K. Karna Radjasa, Agus Sabdono, Agus Trianto and Yasuhiro Igarashi

Full Research Paper

Published 09 Dec 2019



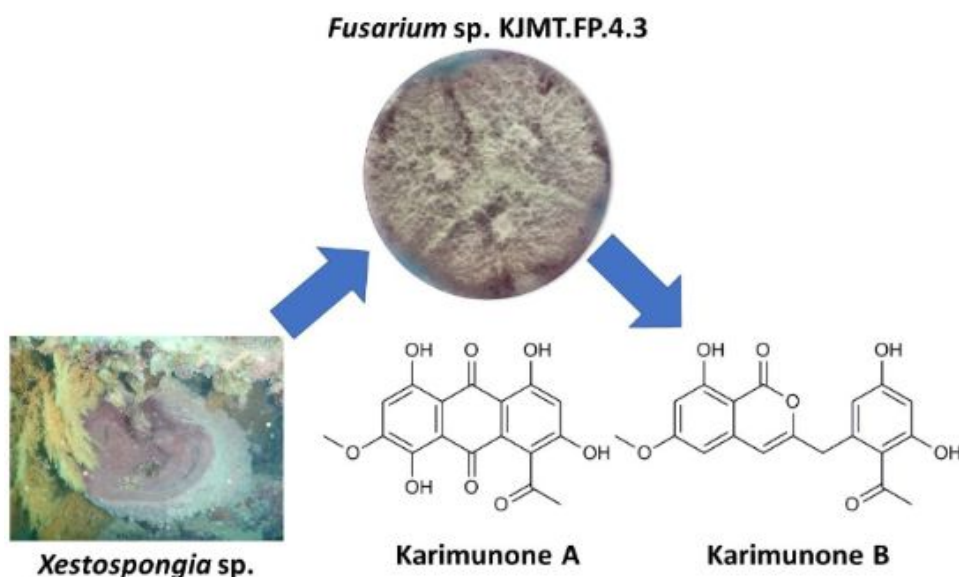
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Why do thioureas and squaramides slow down the Ireland–Claisen rearrangement?

Dominika Krištofiková, Juraj Filo, Mária Mečiarová and Radovan Šebesta

Full Research Paper

Published 10 Dec 2019



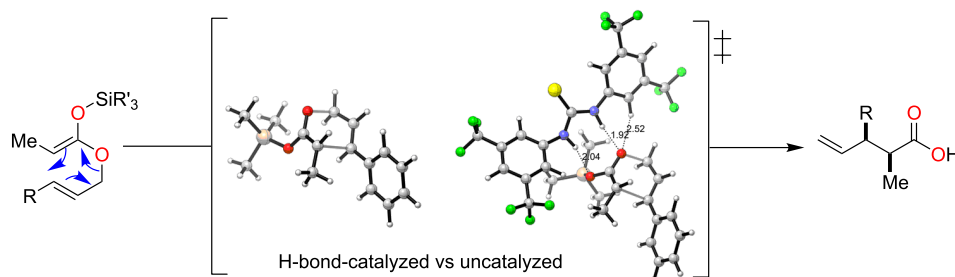
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Construction of trisubstituted chromone skeletons carrying electron-withdrawing groups via PhIO-mediated dehydrogenation and its application to the synthesis of frutinone A

Qiao Li, Chen Zhuang, Donghua Wang, Wei Zhang, Rongxuan Jia, Fengxia Sun, Yilin Zhang and Yunfei Du

Letter

Published 12 Dec 2019



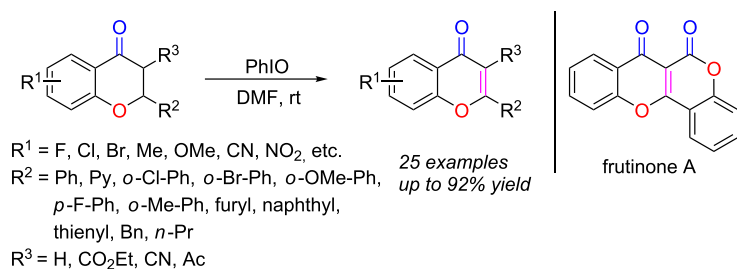
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Terpenes

Jeroen S. Dickschat

Editorial

Published 13 Dec 2019



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Beilstein J. Org. Chem. **2019**, *15*, 2966–2967, doi:10.3762/bjoc.15.292

Pigmentosins from *Gibellula* sp. as antibiofilm agents and a new glycosylated asperfuran from *Cordyceps javanica*

Soleiman E. Helaly, Wilawan Kuephadungphan, Patima Phainuphong, Mahmoud A. A. Ibrahim, Kanoksri Tasanathai, Suchada Mongkolsamrit, Janet Jennifer Luangsa-ard, Souwalak Phongpaichit, Vatcharin Rukachaisirikul and Marc Stadler

Full Research Paper

Published 16 Dec 2019



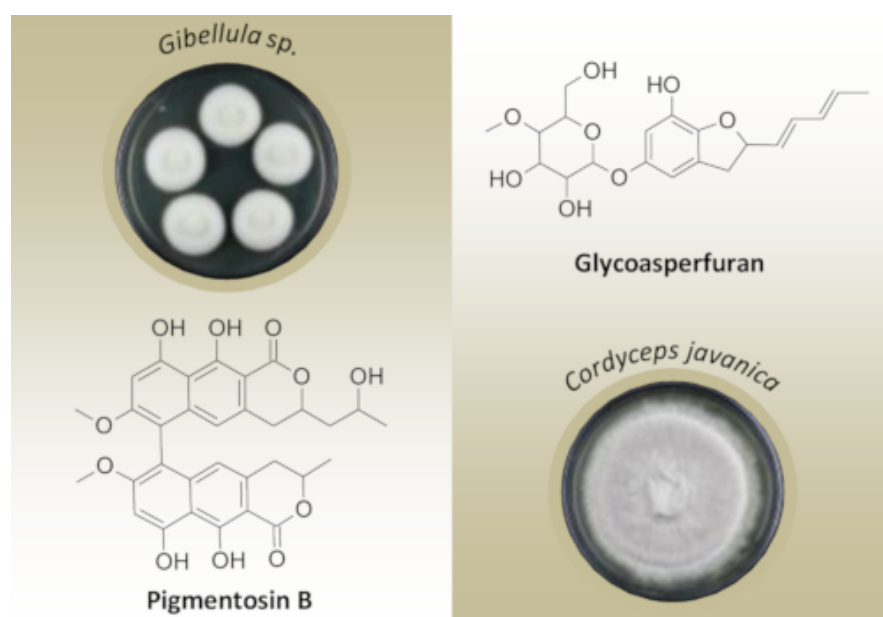
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