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Accounts and Rapid Communications in Chemical Synthesis

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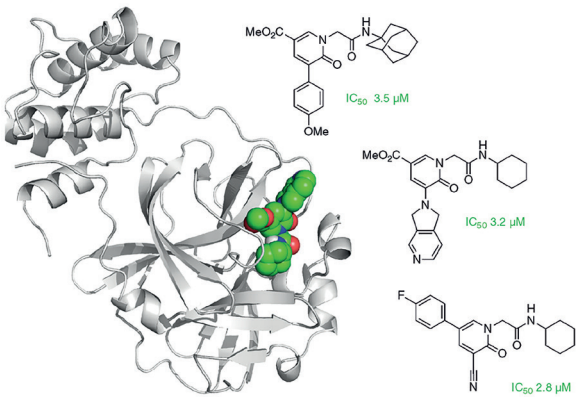

De novo Design of SARS-CoV-2 Main Protease Inhibitors

*C. Fischer, N. A. Vepřek, Z. Peitsinis, K.-P. Rühmann, C. Yang, J. N. Spradlin, D. Dovala, D. K. Nomura, Y. Zhang, D. Trauner**

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Synlett **2022**, *33*, 401–408
DOI: 10.1055/a-1700-6453

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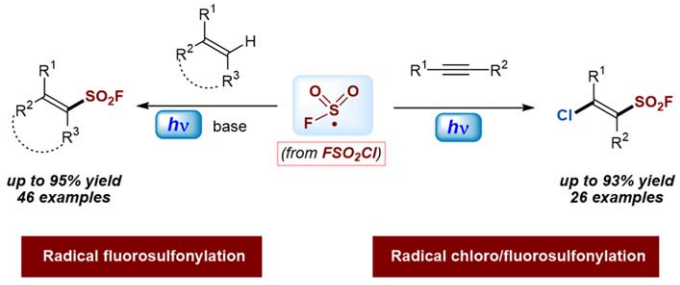
Radical Fluorosulfonylation: Accessing Alkenylsulfonyl Fluorides from Alkenes and Alkynes

Synpacts



Synlett

Synlett **2022**, *33*, 409–414
DOI: 10.1055/a-1702-4732

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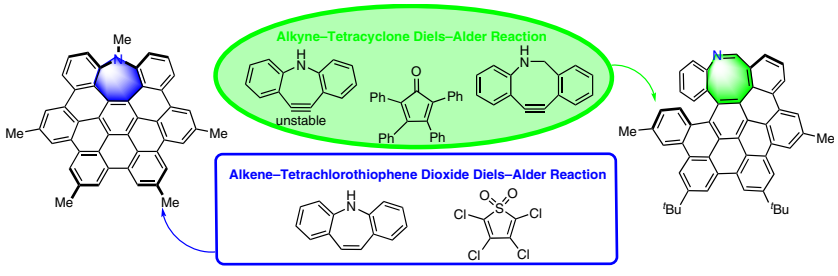
Synthesis of Azepine- or Azocine-Embedded Hexabenzocoronene-Based Nanographenes

Synpacts



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Silylated Sugars – Synthesis and Properties

Account

415

Synlett **2022**, *33*, 415–428
DOI: 10.1055/s-0040-1719854

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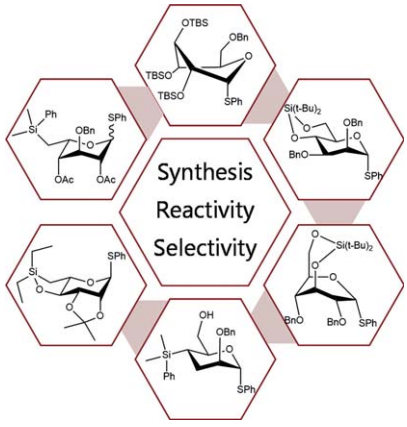

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Group-Selective Approaches to Complex Natural Product Synthesis:Three Examples of Diastereotopos-Selective Reactions

Account

429

Synlett **2022**, *33*, 429–439
DOI: 10.1055/s-0040-1706034

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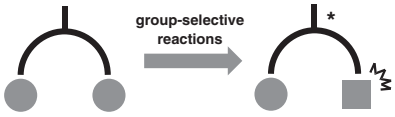

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Synthesis of Purines and Related Molecules by Cyclization Reactions of Heterocyclic Enamines

Account

440

Synlett **2022**, *33*, 440–457
DOI: 10.1055/s-0040-1719845

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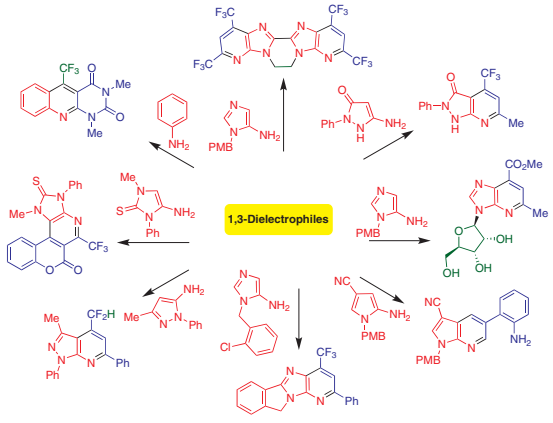

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De novo Design of SARS-CoV-2 Main Protease Inhibitors

Cluster

458

Synlett **2022**, *33*, 458–463
DOI: 10.1055/a-1314-0064

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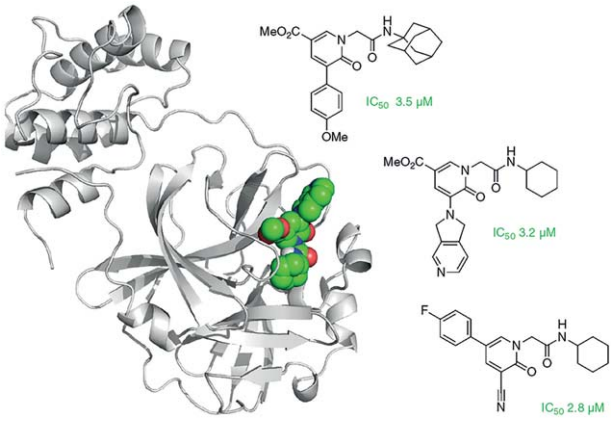

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Synthesis of a Potent Pan-Serotype Dengue Virus Inhibitor Having a Tetrahydrothienopyridine Core

Cluster

464

Synlett **2022**, *33*, 464–467
DOI: 10.1055/a-1323-4036

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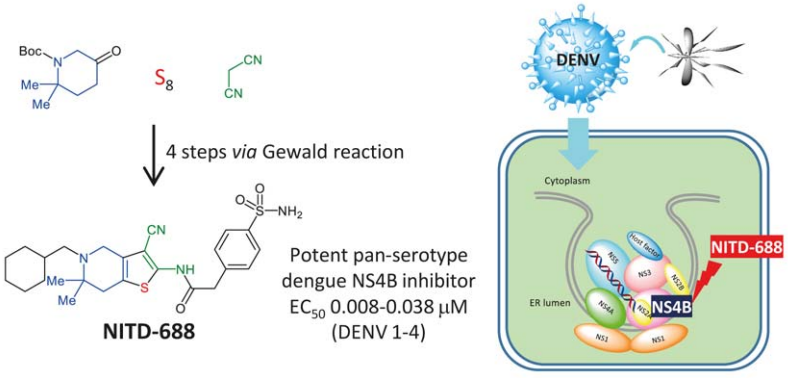

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Hydrothiolation of Donor–Acceptor Cyclopropanes through Er(OTf)$_3$-Promoted Three-Component Ring-Opening Reaction

Letter

468

Synlett **2022**, *33*, 468–472
DOI: 10.1055/a-1760-8951

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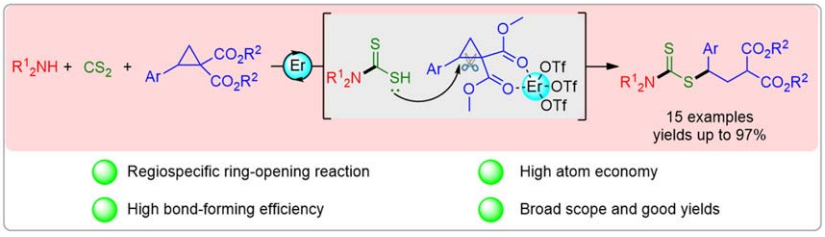

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Synlett **2022**, *33*, 473–477
DOI: 10.1055/a-1730-9458

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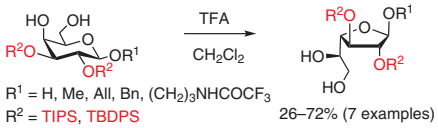
Zelinsky Institute of Organic Chemistry, Russian Federation

Trifluoroacetic Acid Promoted Ring Contraction in 2,3-Di-O-silylated O-Galactopyranosides and Hemiacetals

Letter



R^1 = H, Me, All, Bn, $(CH_2)_3NHCOCF_3$
R^2 = TIPS, TBDPS

26–72% (7 examples)

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Synlett **2022**, *33*, 478–482
DOI: 10.1055/a-1730-9857

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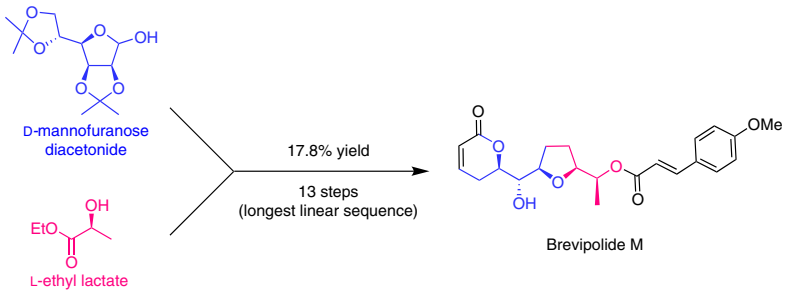
Chiron Approach for the Total Synthesis of Brevipolide M

Letter



Brevipolide M

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Synlett **2022**, *33*, 483–487
DOI: 10.1055/a-1733-7607

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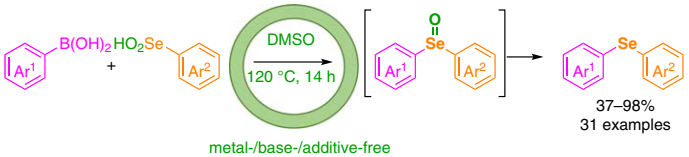
Green Synthesis of Diaryl Selenides from Arylboronic Acids and Arylseleninic Acids

Letter



metal-/base-/additive-free

37–98%
31 examples

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Synlett **2022**, *33*, 488–494
DOI: 10.1055/a-1747-2724

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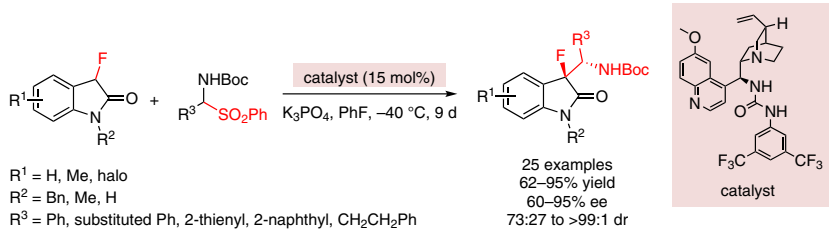
Chiral Urea-Catalyzed Asymmetric Mannich Reaction of 3-Fluorooxindoles with α-Amidosulfones: Synthesis of Optically Active α-Fluoro-β-amino-oxindoles

Letter



R^1 = H, Me, halo
R^2 = Bn, Me, H
R^3 = Ph, substituted Ph, 2-thienyl, 2-naphthyl, CH_2CH_2Ph

25 examples
62–95% yield
60–95% ee
73:27 to >99:1 dr

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Synlett **2022**, *33*, 495–501
DOI: 10.1055/a-1733-6073

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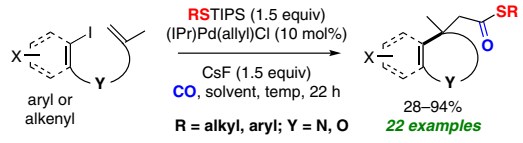
Palladium-Catalyzed Thiocarbonylations with Triisopropylsilyl Thioethers

Letter



IPr = 1,3-bis(2,6-diisopropylphenyl)imidazol-2-ylidene

Synlett

Synlett **2022**, *33*, 502–502
DOI: 10.1055/s-0041-1737803

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Pivotal Reactions in the Creation of the Polycyclic Skeleton of Cryptotrione

Addendum