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Content

New: Science of Synthesis Knowledge Updates

SOS is continuously updated with high-quality content using clearly defined criteria for method selection as well as established editorial processes. The Editorial Board, in conjunction with the volume editors and expert authors, reviews the whole field of synthetic organic chemistry as presented in SOS and evaluates significant developments in synthetic methodology.

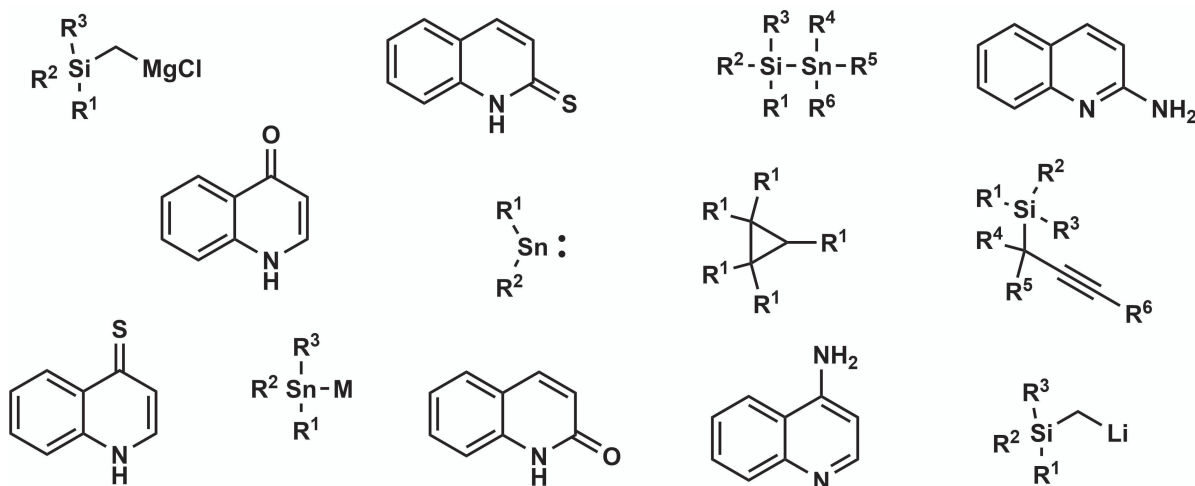
This release will see the addition of **one new update volume** comprising approx. **500** printed pages.

SOS Knowledge Updates 2022/3 highlights:

Revised and updated coverage of various classes of silicon and tin compounds, namely **silyltin reagents** also called **silylstannanes** (*H. Yoshida*), **silylmethyl anions** (*H. Ohmiya and Y. Sumida*), **propargylsilanes** (*A. Perez-Luna and O. Jackowski*), **metalated tin compounds** (*C. Marschner*), and **stannylenes** (*N. Takeda*).

Advances in the synthesis of **quinolinones** and their thio and amino derivatives (*V. L. M. Silva, D. C. G. A. Pinto, C. M. M. Santos, and D. H. A. Rocha*), which are important motifs in natural products and pharmaceuticals.

An update on the synthesis of **cyclopropanes** (*X. Tang*) that covers newer approaches to mono and polysubstituted cyclopropyl cores, with a particular emphasis on methods involving visible-light photoredox catalysis.



Coming
Soon!

Early View Articles

Read selected new SOS reviews as soon as they have been edited.....no need to wait for a whole volume to be complete.

New SOS content will be released more often, allowing you earlier access to expert reviews of some of the most exciting and dynamic areas in organic chemistry.

The screenshot shows the Thieme Science of Synthesis website. At the top, there is a navigation bar with the Thieme logo and the text "Science of Synthesis". Below this is a search bar with the placeholder text "Search by word, author name, DOI etc." and buttons for "Clear", "Draw", and "Submit". There are also links for "Load Query" and "Switch to advanced search". The main content area is titled "Explore Science of Synthesis" and features several categorized lists of articles:

- New! Early View**: Propargylsilanes, Organocatalytic Dynamic Kinetic Resolution
- Trends & Innovation**: Advances in Organoboron Chemistry towards Organic Synthesis, Asymmetric Organocatalysis, Biocatalysis in Organic Synthesis, C-1 Building Blocks in Organic Synthesis, Catalytic Oxidation in Organic Synthesis, Catalytic Reduction in Organic Synthesis, C-H Activation, Click Chemistry, Cross Coupling and Heck-Type Reactions, Dual Catalysis in Organic Synthesis, Domino Transformations in Organic Synthesis, Electrochemistry in Organic Synthesis, Flow Chemistry in Organic Synthesis
- Functional Groups**: X-C=X, X=C=X, X₂C=X, CX₄ Compounds, Nitriles, Isocyanides, and Derivatives, Acid Halides, Carboxylic Acids, Esters, Anhydrides, Peroxy Acids, Amides and Derivatives, Peptides, Lactams, Thio-, Seleno-, and Tellurocarboxylic Acids, Imidic Acids, Ortho Acids, Ketenes, Ketene Acetals, Yne-X Compounds, Aldehydes, Ketones, Heteroatom Analogues of Aldehydes and Ketones, Quinones and Heteroatom Analogues, Acetals: Hal/X and O/O, S, Se, Te, Acetals: O/N, S/S, S/N, and N/N and Higher Heteroatom Analogues, Arene-X (X = Hal, O, S, Se, Te, N, P), X-Ene-X (X = F, Cl, Br, I, O, S, Se, Te, N, P), Ene-Hal, and Ene-O Compounds
- Heteroarenes**: Small-Ring Heterocycles, Monocyclic Five-Membered Heteroarenes with One Heteroatom, Fused Five-Membered Heteroarenes with One Heteroatom, Five-Membered Heteroarenes with One Chalcogen and One Additional Heteroatom, Five-Membered Heteroarenes with Two Nitrogen or Phosphorus Atoms, Five-Membered Heteroarenes with Three or More Heteroatoms, Six-Membered Heteroarenes with One Chalcogen, Six-Membered Heteroarenes with One Nitrogen or Phosphorus Atom, Six-Membered Heteroarenes with Two Identical Heteroatoms, Six-Membered Heteroarenes with Two Unlike or More Than Two Heteroatoms, Larger Hetero-Rings
- Hydrocarbons**: Polynes, Arynes, Enynes, Alkynes

To be informed every time new content is released, sign up for the *Science of Synthesis Alerts* [here!](#) You will then receive an email whenever new content is added to SOS

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Best regards,
Your Science of Synthesis Team

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