

Publications (as of April 2, 2025)

Original Papers

- (380) “Silylation of Aryl and Alkyl Chlorides by a Seven-Membered Dialkoxysilyl Group Si(pan)Me via an In Situ Generated Silylpotassium” Kenshiro Hitoshio, Jun Shimokawa, and Hideki Yorimitsu, *Angew. Chem. Int. Ed.* **2025**, *64*, e202424183. (DOI: 10.1002/anie.202424183).
- (379) “Methoxydioxasilepane: A Versatile and Stable Synthetic Precursor of Trimethoxysilane” Kenshiro Hitoshio, Takuto Morinaga, Ryohei Sahashi, Shinya Goshona, Hiroki Yamagishi, Hayate Saito, Jun Shimokawa, and Hideki Yorimitsu, *Synthesis* **2025**, *57*, 1475–1480. (DOI: 10.1055/a-2408-7577).
- (378) “Aryl Silyl Ethers Enable Preferential Ar–O bond Cleavage in Reductive Generation of Aryllithium Species” Daiki Asai, Ziwei Zhang, Fumiya Takahashi, Hayate Saito, Jun Shimokawa, and Hideki Yorimitsu, *JACS Au* **2024**, *4*, 3118–3124 (DOI: 10.1021/jacsau.4c00448).
- (377) “Sodium-mediated Reductive *anti*-Dimagnesiation of Diarylacetylenes with Magnesium Bromide” Haruka Yamaguchi, Fumiya Takahashi, Takashi Kurogi, and Hideki Yorimitsu, *Synthesis* **2024**, *56*, 3307–3313 (DOI: 10.1055/a-2326-6416).
- (376) “Synthesis of unsymmetrical dialkoxydiarylsilanes and diarylsilane diols from tetraalkoxysilane having a dioxasilepane unit” Kenshiro Hitoshio, Hiroki Maeda, Kento Teranishi, Jun Shimokawa, and Hideki Yorimitsu, *Chem. Commun.* **2024**, *60*, 7339–7342 (DOI: 10.1039/D4CC02051K).
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- (374) “Reductive *anti*-Dizincation of Arylacetylenes” Haruka Yamaguchi, Fumiya Takahashi, Takashi Kurogi, and Hideki Yorimitsu, *Chem. Asian J.* **2024**, *19*, e202400384 (DOI: 10.1002/asia.202400384).
- (373) “[1,2]-Retro-Brook Rearrangement Induced by Electrochemical Reduction of Silyl Enolates” Ban Kinoshita, Saki Maejima, Yuta Niki, Koichi Mitsudo, Seiji Suga, and Hideki Yorimitsu, *Bull. Chem. Soc. Jpn.* **2024**, *97*, uoae038 (DOI: 10.1093/bulcsj/uoae038).
- (372) “Sodium-Mediated Reductive C–C Bond Cleavage Assisted by Boryl Groups” Mizuki Fukazawa, Fumiya Takahashi, Takashi Kurogi, and Hideki Yorimitsu, *Chem. Asian J.* **2024**, *19*, e202400100 (DOI: 10.1002/asia.202400100).

- (371) “Regioselectivity in the Sulfonium-mediated Arylation Reactions of 2-Substituted Phenols with Benzothienyl Sulfoxide” Ryota Wakabayashi, Mizuki Fukazawa, Takashi Kurogi, and Hideki Yorimitsu, *Bull. Chem. Soc. Jpn.* **2024**, *97*, uoae002 (DOI: 10.1093/bulcsj/uoae002).
- (370) “Reductive stereo- and regiocontrolled boryllithiation and borylsodiation of arylacetylenes using flow microreactors” Yiyuan Jiang, Takashi Kurogi, and Hideki Yorimitsu, *Nat. Synth.* **2024**, *3*, 192–201 (DOI: 10.1038/s44160-023-00439-8); Research Square (DOI: 10.21203/rs.3.rs-2687146/v1).
- (369) “Regioselective *anti*-Silyllithiation of Propargylic Amines” Tomohiko Sato, Somnath N. Karad, Jun Shimokawa, and Hideki Yorimitsu, *Synlett* **2024**, *35*, 419–422 (DOI: 10.1055/a-2047-8456).
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- (367) “Aromatic metamorphosis of an indole into 2-quinolone, dihydrobenzazasiline, and dihydrobenzazagermine” Kazuki Nishihara, Takashi Kurogi, and Hideki Yorimitsu, *Arkivoc* **2023**, (ii) 202312017 (DOI: 10.24820/ark.5550190.p012.017).
- (366) “Multiply *exo*-Methylated Corannulenes” Kazuhira Miwa, Shinobu Aoyagi, Toru Amaya, Takahiro Sasamori, Shogo Morisako, Takashi Kurogi, and Hideki Yorimitsu, *Chem. Eur. J.* **2023**, *29*, e202301557 (DOI: 10.1002/chem.202301557).
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- (363) “Selective Synthesis of Tetraarylethylenes Enabled by Reductive *anti*-1,2-Dimetallation of Alkynes” Fumiya Takahashi and Hideki Yorimitsu, *Chem. Eur. J.* **2023**, *29*, e202203988 (DOI: 10.1002/chem.202203988).
- (362) “Carboxylic Acid Salts as Dual-Function Reagents for Carboxylation and Carbon Isotope Labeling” Shuo Wang, Igor Larrosa, Hideki Yorimitsu, and Gregory J. P. Perry, *Angew. Chem. Int. Ed.* **2023**, *62*, e202218371 (DOI: 10.1002/anie.202218371).

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- (361) “Synthesis of a Dibenzo-1,6,2,5-dioxadisilocene and Its Unexpected Reductive Coupling with Phenanthrene” Narumi Itoh, Koh Sugamata, Shogo Morisako, Shinobu Aoyagi, Hideki Yorimitsu, and Takahiro Sasamori, *Chem. Lett.* **2023**, *52*, 177–180 (DOI: 10.1246/cl.220478).
- (360) “Borylation of Alkenyl Carbamates by Means of Sodium Metal” Shunsuke Koyama, Fumiya Takahashi, Hayate Saito, and Hideki Yorimitsu, *Synthesis* **2023**, *55*, 1744–1751 (DOI: 10.1055/a-1970-4584).
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- (356) “Zincation of Styrylsulfonium Salts” Kodai Yamada, Mika Kintzel, Gregory J. P. Perry, Hayate Saito, and Hideki Yorimitsu, *Org. Lett.* **2022**, *24*, 7446–7449 (DOI: 10.1021/acs.orglett.2c03013).
- (355) “Synthesis of meso-Free Decaphyrin(1.1.1.1.1.1.1.1.1) by a Hydrodebromination Protocol; Aromaticity and Solvent-Polarity Dependent Conformational Change” Akito Nakai, Hayate Saito, Hideki Yorimitsu, Takayuki Tanaka, and Atsuhiro Osuka, *Chem. Eur. J.* **2022**, *28*, e202202682 (DOI: 10.1002/chem.202202682).
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- (346) “Construction of 5*H*-Dibenzo[*c,e*]azepine Framework from Dibenzothiophene Dioxides and *N*-benzylimines via S_NAr Reactions” Tomoki Furukawa, Tomoyuki Yanagi, Atsushi Kaga, Hayate Saito, and Hideki Yorimitsu, *Helv. Chim. Acta* **2021**, *104*, e202100195 (DOI: 10.1002/hlca.202100195).
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