

Application of chiral bifunctional halogen bond catalysts in glycosylation reactions

Miller, Annette; Hunt, Kaarel Erik; Kriis, Kadri; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 [Kogumik](#)

Interplay of monosaccharide configurations on the deacetylation with *Candida Antarctica* Lipase-m

Hunt, Kaarel Erik; Miller, Annette; Liias, Kristin; Jarg, Tatsiana; Kriis, Kadri; Kanger, Tõnis Journal of organic chemistry 2025 / p. 663-671 <https://doi.org/10.1021/acs.joc.4c02582>

Multifunctional chiral hydrogen and halogen bond containing catalysts in glycosylation reactions

Miller, Annette; Hunt, Kaarel Erik 13th Paul Walden Symposium : Program and abstracts 2023 / p. 51 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

Selective acetylation of unprotected thioglycosides and fully unprotected monosaccharides with *Candida antarctica* lipase-B

Hunt, Kaarel Erik; Miller, Annette; Jarg, Tatsiana; Kriis, Kadri; Kanger, Tonis ACS omega 2025 / p. 20047-20053 <https://doi.org/10.1021/acsomega.5c02467>

Selective deprotection of ester groups in pyranoses with *Candida Antarctica* Lipase-B

Hunt, Kaarel Erik; Vilu, Raivo; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P41, p. 60 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Synthesis of 6'-galactosyllactose, a deviant human milk oligosaccharide, with the aid of *Candida antarctica* lipase-B

Hunt, Kaarel Erik; Garcia-Sosa, Alfonso T.; Shalima, Tatsiana; Maran, Uko; Vilu, Raivo; Kanger, Tõnis Organic & biomolecular chemistry 2022 / p. 4724-4735 <https://doi.org/10.1039/D2OB00550F> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Total synthesis of vicine and convicine

Hunt, Kaarel Erik; Krišciunaite, Tiina; Vilu, Raivo; Kanger, Tõnis 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 78 https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Transesterification of monosaccharides with *Candida antarctica* lipase-B and their use in the synthesis of human milk oligosaccharides = Monosahhariidide ümberesterdamine *Candida antarctica* lipaas-B abil ja nende kasutamine rinnapiima oligosahhariidide sünteesis

Hunt, Kaarel Erik 2025 https://www.ester.ee/record=b5750735*est <https://digikogu.taltech.ee/et/Item/27bed832-f63e-4d97-ba29-f816dbe16e43> <https://doi.org/10.23658/taltech.45/2025>