

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secosterols

Rõuk, Kristi; Kõllo, Marek; Järving, Ivar; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill
<https://doi.org/10.3176/proc.2024.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of the 2,2,3-trisubstituted cyclopentanone, D-ring fragment of 9,11-secosterols

Kõllo, Marek; Aav, Riina; Tamp, Sven; Jarvet, Jüri; Lopp, Margus Tetrahedron 2014 / p. 6723-6727 : ill
<https://doi.org/10.1016/j.tet.2014.07.079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of the D-ring fragment of 9,11-secosterols and its configuration assignment

Kõllo, Marek; Aav, Riina; Tamp, Sven; Järvet, Jüri; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Connecting the A,B- and D-rings of 9,11-secosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 [Kogumik](#)

Designed whole-cell-catalysis-assisted synthesis of 9,11-secosterols

Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; Järving, Ivar; Lopp, Margus; Jõers, Arvi; Kanger, Tõnis Beilstein journal of organic chemistry 2021 / p. 581–588 <https://doi.org/10.3762/bjoc.17.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formal synthesis of 9,11-Secosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 115, p. 134
https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Methylphosphonic acid as a ³¹P-NMR standard for the quantitative determination of phosphorus in carbonated beverages

Kõllo, Marek; Kudrjašova, Marina; Kulp, Maria; Aav, Riina Analytical methods 2013 / p. 4005-4009 : ill
<https://doi.org/10.1039/c3ay40743h> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model studies for the coupling of AB-ring and D-ring fragments of 9,11-secosterols

Kõllo, Marek; Rom, Siimu; Välimets, Silja; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 96 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Orgaaniline keemia : õpik kõrgkoolidele

Carey, Francis A; Giuliano, Robert M 2014 http://www.estel.ee/record=b3084143*est

Synthesis of 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one, a D-ring precursor of 9,11-secosterols

Kõllo, Marek; Rõuk, Kristi; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2022 / p. 307-313 : ill
<https://doi.org/10.3176/proc.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards the total synthesis of 9,11-secosterol: Linking A,B- and D-rings with Michael addition to sulfone-activated cyclopentenone

Kõllo, Marek; Rõuk, Kristi; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Tetrahedron 2023 / art. 133363 : ill
<https://doi.org/10.1016/j.tet.2023.133363> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

9,11-secosterooli D-ringi ja A,B-ringi mudeliühendi süntees

Kõllo, Marek; Toon, Liina; Shmatova, Elena; Aav, Riina; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 50

9,11-secosterooli D-ringi vaheühendi süntees ja suhtelise konfiguratsiooni määramine

Kõllo, Marek; Aav, Riina; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 52 : ill