

Aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones on Pt/C catalyst

Reile, Indrek; Paju, Anne; Eek, Margus; Pehk, Tõnis; Lopp, Margus Synlett 2008 / 3, p. 347-350 <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2008-1032056>

Alkylation of phenols and resorcinols

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 <https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168>

Asymmetric oxidation of 1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Tetrahedron letters 2000 / 35, p. 6883-6887

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 64

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 1, 3-hydroxylation of 3-alkyl-1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2002 / p. 2439-2448 <https://www.sciencedirect.com/science/article/pii/S095741660200589X>

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 2, Oxidative ring cleavage of 3-alkyl-1,2-cyclopentanediones : synthesis of 2-alkyl-[gamma]-lactone acids

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lindmaa, Rasmus; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2003 / p.1565-1573 <https://www.sciencedirect.com/science/article/pii/S0957416603003094>

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 3, Oxidative ring cleavage of 3-hydroxyethyl-1,2-cyclopentanediones : synthesis of [alfa]-hydroxy-[gamma]-lactone acids and spiro-[gamma]-dilactones

Paju, Anne; Kanger, Tõnis; Niitsoo, Olivia; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2003 / p. 2393-2399

Asymmetric oxidation of 3-aminoethyl-1,2-cyclopentanedione : synthesis of spiro-g-lactone-g-lactam

Paju, Anne; Hohlova, N.; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 143

Asymmetric oxidation of cyclobutanones : modification of the Sharpless catalyst

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 1998 / p. 4475-4482

Asymmetric oxidation of ketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Kriis, Kadri; Ilmarinen, Kaja; Pehk, Tõnis Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 124-137

Asymmetric oxidation of prochiral and racemic ketones by using Sharpless catalyst

Paju, Anne 2001 <https://digi.lib.ttu.ee/i/?4206> https://www.ester.ee/record=b1551339*est

Asymmetric synthesis of 2/alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones

Paju, Anne; Laos, Marit; Jõgi, Artur; Päre, Malle; Jäälaid, Raissa; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron letters 2006 / 26, p. 4491-4493 <https://www.sciencedirect.com/science/article/pii/S004040390600726X>

Asymmetric synthesis of 2-alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones: a simple access to dag-lactone template

Laos, Marit; Jõgi, Artur; Päre, Malle; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 108

Asymmetric synthesis of 2-aryl-5-oxotetrahydrofuran-2-carboxylic acids

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiit; Müürisepp, Aleksander-Mati; Kanger, Tõnis; Lopp, Margus Synthesis 2006 / 18, p. 3031-3036 : ill <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2006-950193>

Asymmetric synthesis of 2-benzyl- and 2-benzylloxymethyl g-lactone acids

Laos, Marit; Jõgi, Artur; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 14th European Symposium on Organic Chemistry (ESOC 14) 2005 / p. 309

Asymmetric synthesis of 4'-C-benzyl-2',3'-dideoxynucleoside analogues from 3-benzyl-2-hydroxy-2-cyclopenten-1-one

Jõgi, Artur; Ilves, Marit; Paju, Anne; Pehk, Tõnis; Kailas, Tiit; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2008 / 5, p. 628-634 https://www.researchgate.net/publication/232406405_Asymmetric_synthesis_of_4'-C-benzyl-2'3'-dideoxynucleoside_analogues_from_3-benzyl-2-hydroxy-2-cyclopenten-1-one

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-2-carboxylic acids

Paju, Anne; Oja, Karolin; Matkevits, Katharina; Lumi, Priit; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill [https://doi.org/10.3987/COM-13-S\(S\)28](https://doi.org/10.3987/COM-13-S(S)28) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalytic asymmetric oxidation of 1,2-diketones

Lopp, Margus; Paju, Anne; Oja, Karolin; Lumi, Priit; Matkevich, Katarina SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 40

Catalytic asymmetric synthesis of γ -lactone acids

Paju, Anne; Niidu, Allan; Lumi, Priit; Matkevits, Katharina; Oja, Karolin; Pehk, Tõnis; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010

A comparative study of asymmetric Baeyer-Villiger oxidation of cyclic ketones

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Kallas, Kaja; Pehk, Tõnis; Lopp, Margus 10th IUPAC Symposium on Organo-Metallic Chemistry directed towards Organic Synthesis : 18-22 July, 1999, Versailles (France) : final program 1999 / p. P232

Cyclopentane-1,2-dione bis(tert-butyldimethylsilyl) enol ether in asymmetric organocatalytic Mukaiyama-Michael reactions

Reile, Indrek; Paju, Anne; Kanger, Tõnis; Järving, Ivar; Lopp, Margus Tetrahedron letters 2012 / p. 1476-1478 : ill <https://www.sciencedirect.com/science/article/pii/S0040403912000767>

A direct alkylation of resorcinols

Lopušanskaja, Eleana; Paju, Anne; Järving, Ivar; Lopp, Margus Synthetic communications 2023 / p. 1216-1226 : ill <https://doi.org/10.1080/00397911.2023.2214645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Direct asymmetric [alpha]-hydroxylation of 2-hydroxymethyl ketones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Tetrahedron 2002 / p. 7321-7326

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis Tetrahedron letters 1997 / 28, p. 5051-5054

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus OMCOS 9 : 9th IUPAC Symposium Organometallic Chemistry, directed towards organic synthesis : final program 1997 / p. 373 <https://www.sciencedirect.com/science/article/abs/pii/S0040403997011027>

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 79

Effect of the chiral catalyst in asymmetric Baeyer-Villiger oxidation of cyclic ketones

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 51

Elavhõbeda sisaldus Eesti NSV rannikumere vees ja organismides

Ott, Roman; Jankovski, H.; Kikas, Ülle; Lipre, Endla; Paju, Anne; Põder, Tõnis; Žagel, K. Eesti NSV rannikumere kaitse : [artiklite kogumik] 1982 / lk. 93-101 https://www.ester.ee/record=b1233548*est

Enantiomeersete laktoonhapete katalüütiline asümmeetriline süntees

Paju, Anne; Niidu, Allan; Lumi, Priit; Matkevits, Katharina; Oja, Karolin; Pehk, Tõnis; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 61

Erinevate α -naftoolide süntees ja dearomatiseerimine

Larin, Anni; Paju, Anne; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

Heterogeneous platinum catalytic aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones

Reile, Indrek; Kalle, Sigrid; Werner, Franz; Järving, Ivar; Kudrjašova, Marina; Paju, Anne; Lopp, Margus Tetrahedron 2014 / p. 3608-3613 : ill <https://doi.org/10.1016/j.tet.2014.03.104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of the synthesis of hydroxylated cyclopentanediones

Niidu, Allan; Paju, Anne; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 116

Isomers and conformers of complexes of $Ti(OiPr)_4$ with cyclopentane-1,2-dione : NMR study and DFT calculations

Osadchuk, Irina; Pehk, Tõnis; Paju, Anne; Lopp, Margus; Öeren, Mario; Tamm, Toomas International journal of quantum chemistry 2014 / p. 1012-1018 : ill <https://doi.org/10.1002/qua.24619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keto-enool tautomeeride tasakaal tsüklopentaan-1,2-dioonides

Reile, Indrek; Paju, Anne; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 83 : ill

Kinetic resolution of epoxy alcohols with the Sharpless Ti isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Pehk, Tõnis; Järving, Ivar; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 112 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Kinetic resolution of epoxy alcohols with the Sharpless Ti-isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2016 / p. 608-613 : ill <https://doi.org/10.1016/j.tetasy.2016.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3'hüdoksü-4'-asendatud-2'-deoksünukleosidi analoogide süntees

Jõgi, Artur; Paju, Anne; Kailas, Tiit; Müürisepp, Aleksander-Mati; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 28 : ill

3-alküül-1,2-tsüklopentaandioonide asümmeetriline oksüdatsioon

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 102-103

3-bensüül-2,4-dihüdoksütsüklopent-2-eenoonide süntees ja asümmeetriline oksüdatsioon

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 66 : ill

3-bensüül-2-hüdoksü-2-tsüklopenteen-1-ooni süntees ja selle asümmeetriline oksüdatsioon

Jõgi, Artur; Ilves, M.; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 23-24

3-bensüül-oksümetüül-1,2-tsüklopentaandiooni süntees ja asümmeetriline oksüdatsioon

Laos, Marit; Paju, Anne; Kanger, Tõnis; Lopp, Margus; Pehk, Tõnis XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 52-53

3-hüdoksümetüül-1,3,6-heksaantriooli asümmeetriline süntees ja titaanikompleksi valmistamine

Päri, Malle; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 92-93

Käeliste tetrahüdofuraani analoogide süntees

Niidu, Allan; Paju, Anne; Kisliitsõn, Konstantin; Kailas, Tiit; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 104-105

Mechanism of the asymmetric oxidation of cyclopentane-1,2-diones

Reile, Indrek; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 155

Negishi cross-coupling for the synthesis 1,2-cyclopentanediones : a short way to lycoperdic acid and its homoanalogue

Kostomarova, Diana; Paju, Anne; Pehk, Tõnis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 81

4'-asendatud nukleosiidi analoogide süntees ja nende bioloogiline aktiivsus

Jõgi, Artur; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 36

4'-bensüül-asendatud nukleosiidi analoogide süntees

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Siirde, K.; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 42-43

4-metüül-5,6-dekaandiooni süntees

Lüll, M.; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 89-90

New asymmetric chemical oxidation in the synthesis of chiral anti-cancer nucleoside analogues

Lopp, Margus; Jõgi, Artur; Paju, Anne; Siirde, K. European journal of pharmaceutical sciences 2007 / 1, Supplement 1, p. S5 <https://link.springer.com/article/10.1007/s00709-006-0230-y>

Otsene beeta-hüdroksüketoonide asümmeetriline alfa-hüdroksüleerimine

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 70

Oxidation of 3-alkyl-1,2-cyclopentanediones : synthesis of lactone acids and spirodilactones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis 13th European Symposium on Organic Chemistry : September 10-15, 2003, Cavtat-Dubrovnik, Croatia : programme and abstracts 2003 / p. 101

Oxidation of cyclobutanones with the modified Sharpless catalyst

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus OMCOS 9 : 9th IUPAC Symposium on Organometallic Chemistry, directed towards organic synthesis : final program 1997 / p. 362

Oxidation of cyclobutanones with the modified Sharpless catalyst

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 62

Oxidation of cyclobutanones with the modified sharpless catalyst. 2, Effect of chiral ligand

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 32

Oxidation of cyclopentane-1,2-dione: a study with ¹⁸O labeled reagents

Reile, Indrek; Paju, Anne; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron 2011 / p. 5942-5948

Oxidation of cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 53

Oxidation of cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 11th European Symposium on Organic Chemistry : Göteborg, Sweden, July 23-28, 1999 : programme and abstracts 1999 / p. P102

Oxidation of substituted cyclopentane-1,2-diones = Asendatud tsüklopentaan-1,2-dioonide oksüdeerimine

Oja, Karolin 2018 <https://digi.lib.ttu.ee/i/?9923> https://www.ester.ee/record=b5050061*est

Oxidative ring cleavage of 3-hydroxyethyl-1,2-cyclopentanediones : synthesis of 4-hydroxy-[??]-lactone acids and spiro-[??]-dilactones

Paju, Anne; Kanger, Tõnis; Niitsoo, Olivia; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A73

p-asendatud 3-fenüül-2-hüdroksü-2-tsüklopenteen-1-ooni derivaatide süntees ja nende asümmeetriline oksüdatsioon

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 21-22

A practical asymmetric synthesis of R- and S-homocitric acid

Eek, Margus; Jäälaid, Raissa; Laos, Marit; Paju, Anne; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 84

A practical asymmetric synthesis of (S) and (R)-2-methyl-5-oxotetrahydrofuran carboxylic acids

Jäälaid, Raissa; Paju, Anne; Eek, Margus; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 88

Rearrangement of 1,4-dihydroxy-2-cyclopentenones

Allikmaa, Veiko; Paju, Anne; Pehk, Tõnis; Öpik, Andres; Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 31

Regio- and stereoselective synthesis of chiral dihydroxyketones

Niidu, Allan; Paju, Anne; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A70

Selective C-alkylation of substituted naphthols under non-aqueous conditions

Kooli, Anni; Shalima, Tatsiana; Lopusanskaja, Eleana; Paju, Anne; Lopp, Margus Tetrahedron 2021 / art. 132278, 8 p. : ill <https://doi.org/10.1016/j.tet.2021.132278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A short enantioselective synthesis of homocitric acid [gamma]lactone and 4-hydroxyhomocitric acid [gamma]lactones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Eek, Margus; Lopp, Margus International Conference on Organic Synthesis : June 27- July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 118

A short enantioselective synthesis of homocitric acid-[gamma]-lactone and 4-hydroxy-homocitric acid-[gamma]-lactones
Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Eek, Margus; Lopp, Margus Tetrahedron 2004 / p. 9081-9084
<https://www.sciencedirect.com/science/article/abs/pii/S0040402004012736>

Sonogashira cross-coupling of 3-bromo-1,2-diones : an access to 3-alkynyl-1,2-diones

Paju, Anne; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Aid, Tiina; Pehk, Tõnis; Lopp, Margus Tetrahedron 2014 / p. 5843-5848 : ill <https://doi.org/10.1016/j.tet.2014.06.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentanediois via γ -lactones

Niidu, Allan; **Paju, Anne; Müürisepp, Aleksander-Mati; Järving, Ivar; Kailas, Tiiu; Pehk, Tõnis; Lopp, Margus** Chemistry of heterocyclic compounds 2013 / p. 1751-1760 : ill <https://doi.org/10.1007/s10593-013-1206-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis and antiproliferative activity of 15-oxoprostaglandins : contribution of the W-chain enone group to cytotoxicity

Lopp, Margus; Lopp, Annika; Paju, Anne; Lille, Ülo; **Pehk, Tõnis** Bioorganic & medicinal chemistry letters 1994 / 14, p. 1739-1744: ill

Synthesis of 3-hydroxymethyl-1,3,6-hexanetriol from chiral spirodilactone

Päri, Malle; Lüll, M.; Paju, Anne; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 129

Synthesis of 3-phenyl-2-hydroxy-2-cyclopenten-1-ones and their asymmetric oxidation

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Kailas, Tiiu; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 100

Synthesis of 3-substituted 1,2-cyclopentanediones via palladium-catalyzed cross-coupling reactions

Paju, Anne; Kostomarov, Diana; Pehk, Tõnis; Lopp, Margus BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 151

Synthesis of 4'-aryl-2',3'-dideoxynucleoside analogues

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron 2009 / p. 2959-2965 <https://www.sciencedirect.com/science/article/abs/pii/S0040402009001914>

Synthesis of 4'-substituted 2', 3'-dideoxynucleoside analogues = 4'-asendatud 2', 3'-dideoksünukleosiidi analoogide süstees

Jõgi, Artur 2008 https://www.ester.ee/record=b2402245*est

Synthesis of 4'-substituted 2',3'-dideoxynucleoside analogues

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 97
<https://www.sciencedirect.com/science/article/pii/S0040402009001914>

Synthesis of chiral enantioenriched tetrahydrofuran derivatives

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Kailas, Tiiu; **Pehk, Tõnis**; Lopp, Margus Arkivoc 2009 / XIV, p. 39-52
<https://www.arkat-usa.org/get-file/32420/>

Synthesis of chiral FHF-analogues

Niidu, Allan; Kisliitsõn, Konstantin; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / ? p

Synthesis of chiral hydroxylated cyclopentanones and cyclopentanes

Niidu, Allan; Paju, Anne; Eek, Margus; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2006 / 18, p. 2678-2683 <https://www.sciencedirect.com/science/article/pii/S0957416606006653>

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reaction

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 107 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reactions

Lopušanskaja, Eleana; Paju, Anne; Järving, Ivar; Lopp, Margus Synthesis 2018 / p. 1883-1890 : ill <https://doi.org/10.1055/s-0036-1591543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reactions [Online resource]
Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p
<http://fmdtk.ut.ee/teesid-2018/>

Synthesis of cyclopentane and tetrahydrofuran derivatives = Tsüklopentaanide ja tetrahüdrofuraanide süntees
Niidu, Allan 2013 https://www.ester.ee/record=b2992932*est

Synthesis of cyclopentane hydroxy derivatives

Niidu, Allan; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 142

Synthesis of key intermediate en route to novel carbasugar analogues

Niidu, Allan; Kislitsõn, Konstantin; Paju, Anne; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. P0103

Synthesis of new N-tetrasubstituted derivatives of R,R-tartaric acid and their use as chiral ligands in oxidation catalysts

Ilmarinen, Kaja; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 147-155

Synthesis of novel acyclic nucleoside analogues

Päri, Malle; Paju, Anne; Pehk, Tõnis; Siirde, K.; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 145

Synthesis of novel acyclic nucleoside analogues with anti-retroviral activity

Paju, Anne; Päri, M.; Selyutina, Anastasia; Žusinaite, Eva; Merits, Andres; Pehk, Tõnis; Siirde, Kaarel; Müürisepp, Aleksander-Mati; Kailas, Tiiu; Lopp, Margus Nucleosides, nucleotides and nucleic acids 2010 / 9, p. 707-720
<https://www.tandfonline.com/doi/pdf/10.1080/15257770.2010.501776>

Teaduspreemia keemia ja molikulaarbioloogia [p.o. molekulaarbioloogia] alal tööde tsükli "Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid" eest : Margus Lopp, Anne Paju, Tõnis Kanger

Lopp, Margus; Paju, Anne; Kanger, Tõnis Eesti Vabariigi teaduspreemiad 2004 2004 / lk. 36-46 : ill., fot

The synthesis and asymmetric oxidation of 3-benzyl-2,4-dihydroxycyclopent-2-enones

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 148

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

The synthesis of 4'-substituted nucleoside analogues and their biological activity

Jõgi, Artur; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. P059

3-Alkyl-1,2-cyclopentanediones by Negishi cross-coupling of a 3-bromo-1,2-cyclopentanedione silyl enol ether with alkylzinc reagents : an approach to 2-substituted carboxylic acid γ -lactones, homocitric and lycoperdic acids

Paju, Anne; Kostomarov, Diana; Matkevits, Katharina; Laos, Marit; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron 2015 / p. 9313-9320 : ill <https://doi.org/10.1016/j.tet.2015.10.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards ortho-selective electrophilic substitution/addition to phenolates in anhydrous solvents

Lopušanskaja, Eleana; Kooli, Anni; Paju, Anne; Järving, Ivar; Lopp, Margus Tetrahedron 2021 / art. 131935, 9 p
<https://doi.org/10.1016/j.tet.2021.131935> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tromboksaan A2 w-küllastatud 7-bitsüklo[2.2.1]heptaan-analoogide süntees

Paju, Anne; Pehk, Tõnis; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 101-103

Tsükliliste ketoonide võrdlev Baeyer-Villiger'i asümmeetriline oksüdeerimine

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 58-59

1,2-tsükloalkaandioonide asümmeetriline oksüdatsioon

Paju, Anne; **Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 124-125

Tsüklobutanoonide oksüdatsioon Sharplessi modifitseeritud reagentiga

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 56

Tsüklopentaan-1,2-dioolide aeroobne oksüdeerimine tsüklopentaan-1,2-dioonideks Pt/C katalüsaatoril

Reile, Indrek; Paju, Anne; Eek, Margus; Pehk, Tõnis; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 130-131

Uncommon reaction in 4-formyl phenols - substitution of the formyl group

Lopušanskaja, Eleana; Paju, Anne; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences 2024 / p. 1-5

<https://doi.org/10.3176/proc.2024.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid

Lopp, Margus; Paju, Anne; Kanger, Tõnis Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 203-209 : ill

Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid

Lopp, Margus; Paju, Anne; Kanger, Tõnis Mente et Manu 2004 / 9. märts, lk. 3 https://www.ester.ee/record=b1242496*est

https://artiklid.elnet.ee/record=b1018852*est

Uued tsütotoksilised 15-oksoprostaglandiinid : süntees ja antiproliferatiivne aktiivsus inimese leukeemia K562 rakuliinil

Lopp, Annika; Paju, Anne; **Pehk, Tõnis**; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 67-70

Uute atsükliliste nukleosiidianaloogide süntees

Päri, Malle; Paju, Anne; Pehk, Tõnis; Siirde, K.; **Lopp, Margus** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th

Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 125-126