

#### **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

#### **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>

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

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#### **Alkylation of phenols and resorcinols**

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#### **Asymmetric oxidation of 1,2-cyclopentanediones**

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

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#### **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

#### **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

#### **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

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#### **Asymmetric oxidation of prochiral and racemic ketones by using Sharpless catalyst**

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

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

**Laos, Marit; Jõgi, Artur; Päril, 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>

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**Laos, Marit; Jõgi, Artur; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** 14th European Symposium on Organic Chemistry (ESOC14) 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

**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

**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

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**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-butyltrimethylsilyl) 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

**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

**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**

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**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](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  $\alpha$ -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

### **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)<sub>4</sub> 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

### **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](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>

### **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

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**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 tetrahüdrofuraani analoogide süntees**

**Niidu, Allan**; **Paju, Anne**; **Kislitsõn, 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>

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**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>

#### 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

#### 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 metics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### 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

**Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentanediols via  $\gamma$ -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

**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-cyclopentanediols 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

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

**Jõgi, Artur** 2008 [https://www.ester.ee/record=b2402245\\*est](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 Synthetium : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 97

**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 Synthetium : 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 Synthetium : 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](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](#)

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**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://fntdk.ut.ee/teesid-2018/>

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