

#### **A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues**

**Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus** Organic & biomolecular chemistry 2014 / p. 5634-5644 : ill <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j> <https://doi.org/10.1039/c4ob00597j>  
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**Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 77 <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j>

#### **Karboranüülnukleosiidi süntees edaspidise kasutamiseks BNCT-s**

Trifonova, Anna; Sjöberg, Stefan; Mäeorg, Uno XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 142

#### **3'hüdrosü-4'-asendatud-2'-deoksünukleosiidi analoogide süntees**

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

#### **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

#### **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>

#### **N-terminally truncated BAF57 isoforms contribute to the diversity of SW/SNF complexes in neurons**

Kazantseva, Anna; **Sepp, Mari;** Kazantseva, Jekaterina; Sadam, Helle; **Pruunsild, Priit; Timmusk, Tõnis; Neuman, Toomas;** Palm, Kaia Journal of neurochemistry 2009 / 3, p. 807-818 : ill <https://pubmed.ncbi.nlm.nih.gov/19245665/>

#### **QSAR prediction of HIV-1 non-nucleoside inhibitor activity based on 3D-molecular descriptors**

Pillai, Girinath Gopinathan; Tamm, Kaido; **Karelson, Mati** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

#### **Structure-dependent modulation of alpha interferon production by Porcine circovirus 2 oligodeoxyribonucleotide and CpG DNAs in porcine peripheral blood mononuclear cells**

Hasslung Wikström, Frida; Meehan, Brian; Berg, Mikael; **Timmusk, Sirje** Journal of virology 2007 / 10, p. 4919-4927  
<https://pubmed.ncbi.nlm.nih.gov/17329341/>

#### **Synthesis and biological activity of bimorpholine and its carbanucleoside**

**Ausmees, Kerti;** Selyutina, Anastasia; **Kütt, Kristel; Lippur, Kristin;** Pehk, Tõnis; **Lopp, Margus;** Žusinaite, Eva; Merits, Andres; **Kanger, Tõnis** Nucleosides, nucleotides and nucleic acids 2011 / p. 897-907  
<https://www.tandfonline.com/doi/full/10.1080/15257770.2011.621919>

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

**Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiit; 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 süntees**

**Jõgi, Artur** 2008 [https://www.ester.ee/record=b2402245\\*est](https://www.ester.ee/record=b2402245*est)

#### **Synthesis of a carboranyl nucleoside with potential use in BNCT**

Trifonova, Anna; Sjöberg, Stefan; Mäeorg, Uno 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 154

#### **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, Tiit; Lopp, Margus** Nucleosides, nucleotides and nucleic acids 2010 / 9, p. 707-720  
<https://www.tandfonline.com/doi/pdf/10.1080/15257770.2010.501776>

**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

**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

**Свойства иммобилизованной нуклеозидфосфотрансферазы**

**Gajevaja, Ljubov** Прикладные вопросы биоорганического катализа 1981 / с. 49-58 : илл [https://www.ester.ee/record=b1345163\\*est](https://www.ester.ee/record=b1345163*est)  
<https://digikogu.taltech.ee/et/Item/8ddb0fc6-18e7-45ab-baea-c94e3b5e53a6>

**Свойства иммобилизованных нуклеозидфосфорилаз из E.coli**

**Gajevaja, Ljubov; Köstner, Ado, juhendaja** Получение и свойства иммобилизованных ферментов 1980 / с. 45-53 : илл  
[https://www.ester.ee/record=b1344307\\*est](https://www.ester.ee/record=b1344307*est) <https://digikogu.taltech.ee/et/Item/941191f5-8e17-4867-a354-18ae209ca577>