

**Anchimeric assistance in the case of vicinal dimesylate : formation of enantiomeric or meso-biomorpholine**

**Kanger, Tõnis; Laars, Marju; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** Synthesis

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**Asendatud (2S,2'S)-bimorfoliinide süntees**

**Lippur, Kristin; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis** XXX Eesti keemiapäevad :

teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 82-83

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

**Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Kanger, Tõnis; Lopp, Margus** Synthesis 2006

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**Jõgi, Artur; Ilves, Marit; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Lopp, Margus** Tetrahedron :

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**Bimorpholine as an organocatalyst for asymmetric aldol condensation**

**Kriis, Kadri; Kanger, Tõnis; Laars, Marju; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** International

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**Bimorpholine-mediated enantioselective intramolecular and intermolecular aldol condensation**

**Kanger, Tõnis; Kriis, Kadri; Laars, Marju; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** Journal of

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**Chemical investigation of the essential oil from berries and needles of common juniper (*Juniperus communis* L.) growing wild in Estonia**

**Orav, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati** Natural product research 2010 / 19, p. 1789-1799

**Comparative analysis of the composition of essential oils and supercritical carbon dioxide extracts from the berries and needles of Estonian juniper (*Juniperus communis* L.)**

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**Orav, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati** Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / 4, p. 225-234 : ill

**Composition of essential oil of aerial parts of *Chamomilla suaveolens* from Estonia**

**Orav, Anne; Sepp, Janne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Arak, Elmar; Raal, Ain** Natural product communications 2010 / 1, p. 133-136

**Composition of the essential oil from *Achillea millefolium* L. from Estonia**

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**Composition of the essential oil from wild majoram (*Origanum vulgare* L.ssp.vulgare) of different origins**

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**Composition of the essential oil of *Artemisia absinthium* L. of different geographical origin**

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**Composition of the essential oil of dill, celery, and parsley from Estonia**

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**Composition of the essential oil of *Levisticum officinale* W.D.J. Koch from some European countries**

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**Composition of the oil and supercritical fluid CO<sub>2</sub> extract of sweet gale (*Myrica gale* L.) fruits**

**Sokolova, Maia; Orav, Anne; Koel, Mihkel; Kailas, Tiiu; Müürisepp, Aleksander-Mati** Journal of essential oil research 2005 / March/April, p. 188-191 : ill <https://www.tandfonline.com/doi/abs/10.1080/10412905.2005.9698871>

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#### **Eesti koriandri, salvei ja teekummeli eeterliku õli koostise võrdlus nende välismaiste analoogidega**

**Orav, Anne; Kailas, Tiiu**; Jeršova, M.; Raal, Ain; Arak, Elmar XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 97

#### **Eestis kasvava hariliku kadaka okaste ja marjade eeterliku õli koostise määramine**

**Orav, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 107-108

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#### **Extraction and quantification of hybrid carrageenans from the biomass of the red algae Furcellaria lumbricalis and Coccotylus truncatus**

Tuvikene, Rando; Truus, Kalle; **Vaher, Merike; Kailas, Tiiu**; Martin, Georg; Kersen, Priit Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 1, p. 40-53 : ill

#### **Investigation of the aroma compounds of berries**

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#### **Structural and compositional characteristics of gelling galactan from the red alga Ahnfeltia tobuchiensis (Ahnfeltiales, the sea of Japan)**

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**Lippur, Kristin; Elmers, Cindy; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus** Synthetic communications 2010 / p. 266-281

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### **Variation in the composition of the essential oil of commercial *Valeriana officinalis* L. roots from different countries**

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