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Catalytic allylation of phenols : chloride-free route towards epoxy resins

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List of publications

Stereocontrolled synthesis of fully functionalized D-glucosamine monosaccharides via a domino nitro-Michael/Henry reaction

Adibekian, A.; Timmer, M.S.M.; Stallforth, P.; van Rijn, J.; Werz, D.; Seeberger; P.H. *Chem. Comm*. **2008**, 3549-3551.

Cationic Ruthenium-Cyclopentadienyl-Diphosphine Complexes as Catalysts for the Allylation of Phenols with Allyl Alcohol; Relation between Structure and Catalytic Performance in O- vs. C-Allylation

van Rijn, J. A.; Lutz, M.; von Chrzanowski, L. S.; Spek, A. L.; Bouwman, E.; Drent, E. *Adv. Synth. Cat.* **2009**, *351*, 1637-1647.

A novel ruthenium(III) complex with a tridentate dianionic P,O,O-ligand showing high cytotoxic activity

van Rijn, J. A.; Marques-Gallego, P.; Reedijk, J.; Lutz, M.; Spek, A. L.; Bouwman, E. *Dalton Trans.* **2009**, 10727-10730.

Ruthenium-Diphosphine-Catalyzed Allylation of Phenols: A gem-Dialkyl-Type Effect Induces High Selectivity toward O-Allylation

van Rijn, J. A.; Siegler, M. A.; Spek, A. L.; Bouwman, E.; Drent, E. *Organometallics* **2009**, *28*, 7006–7014.

Remarkable activity of the isomerization catalyst [RuCp(PPh_3)$_2$](OTs) in O-allylation of phenol with allyl alcohol

van Rijn, J. A.; van Stapele, E.; Bouwman, E.; Drent, E.; *J. Catal.* **2010**, *272*, 220-226.

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van Rijn, J. A.; den Dunnen, A.; Bouwman, E.; Drent, E.; **2010**, submitted.

Immobilization of ruthenium catalysts for allylations with allyl alcohol as allylating agent

van Rijn, J.A.; Bouwman, E.; Drent, E.; **2010**, submitted.

The intriguing substitution behavior of CO with bidentate phosphine ligands induced by a gem-dialkyl effect

van Rijn, J.A.; Siegler, M.A.; Spek. A.L.; Bouwman, E.; Drent, E, **2010**, submitted.

Scope of the allylation reaction with $[RuCp(PP)]^+$ catalysts: changing the nucleophile or allylic alcohol

van Rijn, J.A.; Guijt, M.C.; de Vries, D.; Bouwman, E.; Drent, E.; manuscript in preparation.

Application of selective O-allylation of phenols with bisphenol A as industrial interesting substrate

van Rijn, J.A.; Bouwman, E.; Drent, E. manuscript in preparation.

Patents:

Process for the preparation of an allyl aryl ether by catalytic O-allylation

van Rijn, J. A.; Bouwman, E.; Drent, E.; Postma, R. *Patent* **2009**, EP09001150.

Process for the preparation of an allyl aryl ether by catalytic O-allylation

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Process for the preparation of an allyl alkyl ether by catalytic allylation

van Rijn, J. A.; Bouwman, E.; Drent, E.; Postma, R. *Patent* **2009**, EP09001180.