

Metathesis Reaction Reagents



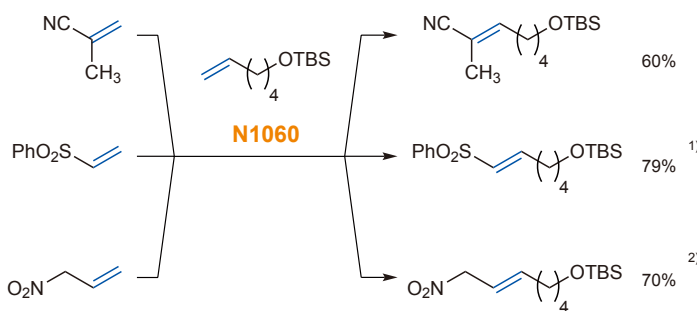
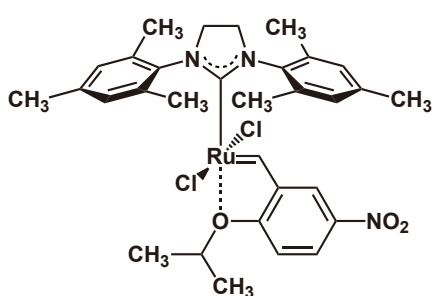
Highly Active Metathesis Catalyst

New N1060 nitro-Grela

100mg / 500mg

Sold in collaboration with Apeiron Synthesis. PCT/EP2003/011222

Applicable to olefins bearing various functional groups



1) K. Grela et al., *Angew. Chem. Int. Ed.* **2002**, 41, 4038.
2) K. Grela et al., *Chem. Eur. J.* **2008**, 14, 806.

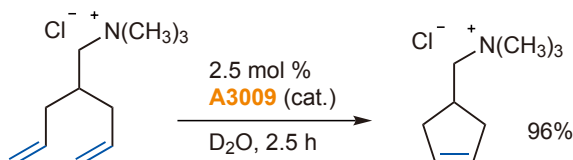
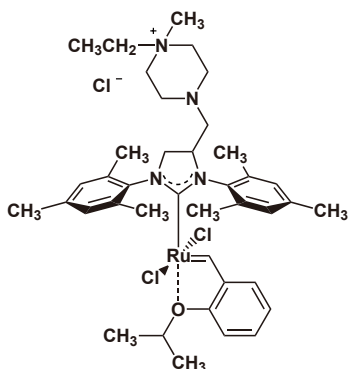
Metathesis Catalyst usable in Water Media

New A3009 AquaMet

100mg / 500mg

Sold in collaboration with Apeiron Synthesis. PCT/EP2013/053967

Applicable to reactions in water media due to an internal quaternary ammonium group



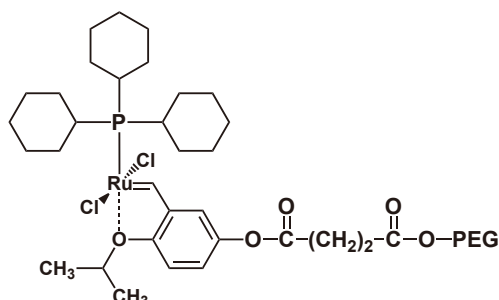
K. Skowerski, K. Grela et al., *Catal. Sci. Technol.* **2012**, 2424.

PEG-bound Metathesis Catalyst

P1427 Polyethylene Glycol-bound Ruthenium Carbene Complex

100mg

Recoverable after addition of a poor solvent due to a linked polyethylene glycol (PEG) moiety



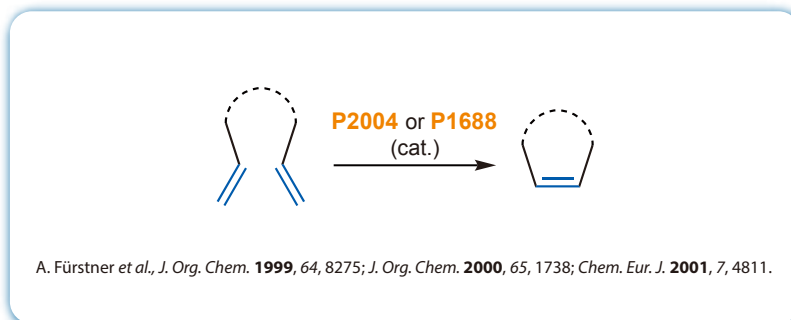
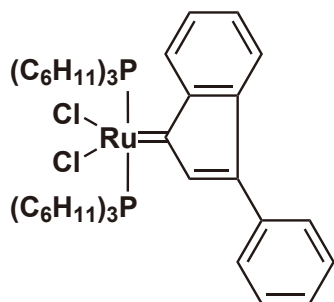
Q. Yao, *Angew. Chem. Int. Ed.* **2000**, 39, 3896.



Indenylideneruthenium Catalysts

P2004 (3-Phenyl-1*H*-inden-1-ylidene)bis(tricyclohexylphosphine)ruthenium(II) Dichloride 1g

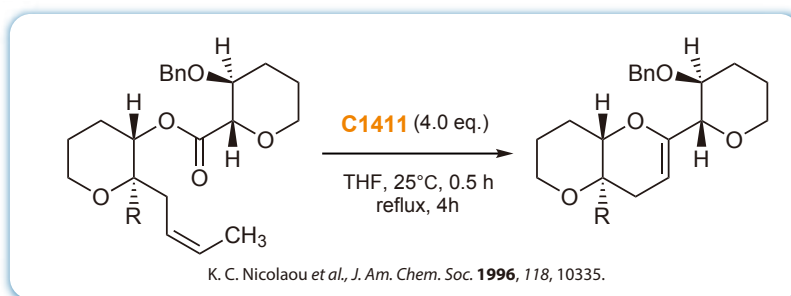
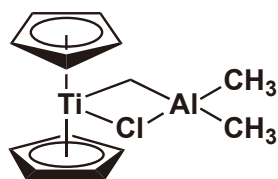
P1688 (3-Phenyl-1*H*-inden-1-ylidene)bis(tricyclohexylphosphine)ruthenium(II) Dichloride Tetrahydrofuran Adduct 100mg



Olefination-Metathesis Reagents

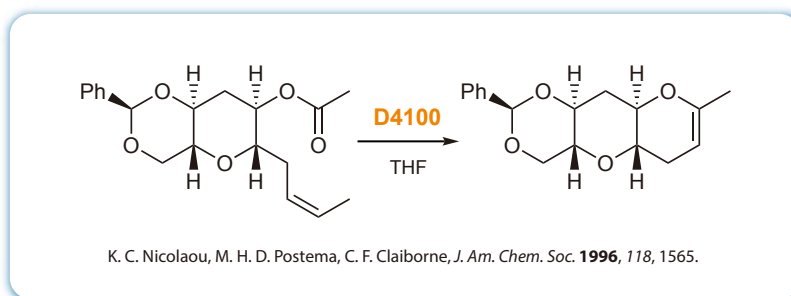
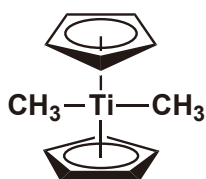
C1411 Tebbe Reagent (ca. 0.5mol/L in Toluene)

25mL



D4100 Petasis Reagent (5% in Tetrahydrofuran/Toluene)

25g / 100g



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metathesis

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