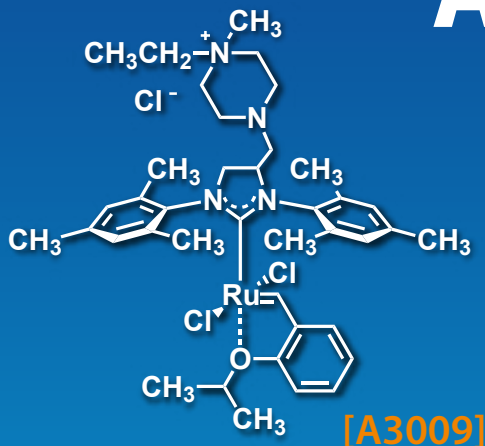


**New**

# Metathesis Catalyst Usable in Water Media "AquaMet"

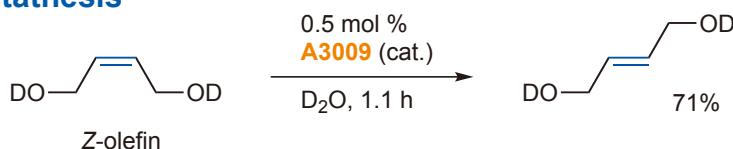


## Advantages

- Air- and moisture-stable Hoveyda-type ruthenium complex
- Applicable to reactions in water media due to an internal quaternary ammonium group

## Applications

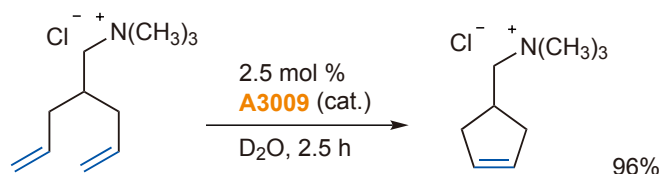
### Intermolecular metathesis



### Procedure

Flask equipped with a magnetic stirring bar is charged with Z-olefin (8.7 mg, 0.15 mmol) and non-degassed D<sub>2</sub>O (1.5 mL). Next to this solution **A3009** (0.6 mg, 0.75 μmol) is added. The reaction mixture is stirred at 25 °C for 1.1 h. Next 0.7 mL of the reaction mixture is transferred to an NMR tube. Yield of the product (71%) is determined using NMR method.

### Ring closing metathesis



K. Skowerski, G. Szczepaniak, C. Wierzbicka, Ł. Gułajski, M. Bieniek, K. Grela, *Catal. Sci. Technol.* **2012**, 2424.

**A3009 AquaMet**

100mg / 500mg

## Related Products

**N1060 nitro-Grela**

100mg / 500mg

Sold in collaboration with Apeiron Synthesis. PCT/EP2013/053967. PCT/EP2003/011222

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