

# Synthesis and reactivity of extremely thermally stable trialkylpalladium(IV) complexes supported with 1,4,7-triazacyclononane

Sobanov A., Vedernikov A., Dyker G., Solomonov B.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

## Abstract

The dimethylpalladium(II)  $\text{PdMe}_2(\text{tacn})$  complex supported with 1,4,7-triazacyclononane (tacn), obtained in situ via a reaction between  $\text{PdMe}_2(\text{tmeda})$  and tacn reacts with methyl or ethyl iodide (RI) to form the most stable trialkyl palladium(IV) complexes  $[\text{PdMe}_2\text{R}(\text{tacn})]\text{I}$ .

---