

## Tungsten-catalyzed alkyne metatheses in transition-metal coordination spheres: versatile new syntheses of metallamacrocycles.

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### Rok wydania

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### Czasopismo

Organometallics

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### Język

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Artykuł

### Streszczenie

The title reaction (10–15 mol % of  $(t\text{-BuO})_3\text{W}(\text{:C-}t\text{-Bu})$ , chlorobenzene, 80 °C) is applied to octahedral and square-planar 18- and 16-valence-electron rhenium, ruthenium, and platinum complexes with *cis*- or *trans*- $\text{Ph}_2\text{P}(\text{CH}_2)_6\text{C}:\text{CCH}_3$  ligands. NMR analyses show ca. 90–70% educt conversions, and 17-membered diphosphine chelates have been isolated in 59–47% yields and crystallographically characterized.

### Adres publiczny

<https://doi.org/10.1021/om030195u>

### Strona internetowa wydawcy

<https://www.acs.org/content/acs/en.html>