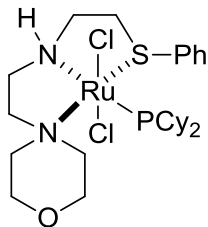
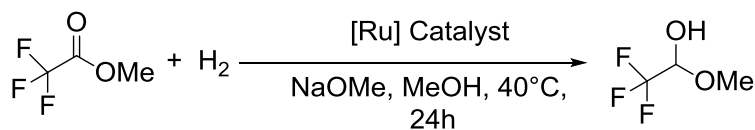
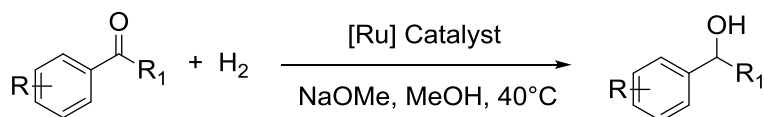


Catalog # 44-0565

Dichloro[N-[2-(phenylthio-κS)ethyl]-4-morpholineethanamine-κNN1,κN1]  
(tricyclohexylphosphine)Ruthenium(II)

## Technical Notes

1. Ruthenium catalyst for hydrogenation of carbonyl functionalities.
2. Ruthenium catalyst for hydrogenation of selected aromatic ketones.

**Tech. Note (1)**  
**Ref. (1-2)****Tech. Note (2)**  
**Ref. (2-3)**

## References:

1. *Organometallics* **2015**, 34, 4464.
2. Patent No. WO 2015191505 A1 (**2015**).
3. Patent No. US 20170088571 A1 (**2017**).