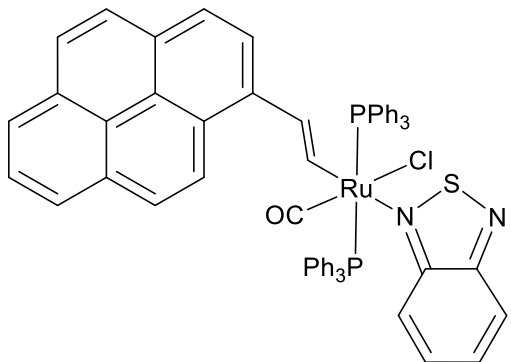
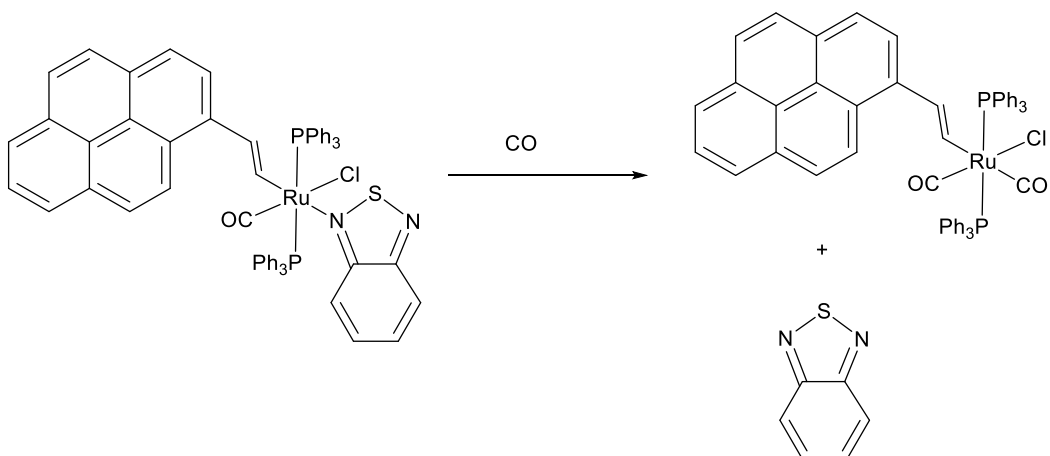


Catalog # 44-0548 (2,1,3-Benzothiadiazole-κN1)carbonylchloro[(1E)-2-(1-pyrenyl)ethenyl]bis(triphenylphosphine) ruthenium(II), 97%



Technical Notes:

1. A Chromo-Fluorogenic Synthetic "Canary" for CO Detection. The chromo-fluorogenic detection of carbon monoxide in air has been achieved. This probe shows exceptional sensitivity and selectivity in its sensing behavior in the solid state. A color response visible to the naked eye is observed at 5 ppb of CO, and a remarkably clear color change occurs from orange to yellow at the onset of toxic CO concentrations (100 ppm) in air.



**Tech Note (1)
Ref. (1)**

References:

1. *J. Am. Chem. Soc.*, **2014**, 136, 11930–11933.