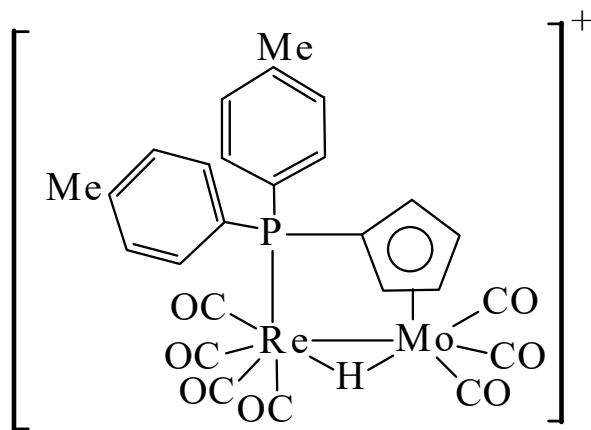




>>Entry Name: $[\mu\text{-}[(1,2,3,4,5\text{-}\eta)\text{-}1\text{-}[\text{Bis}(4\text{-methylphenyl})\text{phosphino}]\text{-}2,4\text{-cyclopentadien-1-yl-P}]]\text{tricarbonyl}(\text{tetracarbonylrhenium})\text{-}\mu\text{-hydromolybdenum}(1^+), 11\text{Cl}$



CAS Registry Number: 87794-64-7

Molecular Formula: $\text{C}_{26}\text{H}_{19}\text{MoO}_7\text{PRe}^{(+)}$

Molecular Weight: 756.553

Accurate Mass: 758.947992

Percentage Composition: C 41.28%; H 2.53%; Mo 12.68%; O 14.80%; P 4.09%; Re 24.61%

General Statement: Detected by pmr, cmr and ir in soln. on addition of $\text{CF}_3\text{SO}_3\text{H}$ to a soln. of the parent compd., $[\mu\text{-}[(1,2,3,4,5\text{-}\eta)\text{-}1\text{-}[\text{Bis}(4\text{-methylphenyl})\text{phosphino}]\text{-}2,4\text{-cyclopentadien-1-yl-P}]]\text{tricarbonyl}(\text{tetracarbonylrhenium})\text{molybdenum}$ [BSZ08-H](#)

Other Data: ν_{CO} 2119m, 2064m, 2040sh, 2027s, 1995br cm^{-1} (CH_2Cl_2)

>>**Derivative:** Trifluoromethanesulfonate

CAS Registry Number: 87794-65-8

Physical Description: Light orange in soln.; not isol.

References:

Casey, C.P. *et al.*, *J. Organomet. Chem.*, 1983, **251**, 245, (synth, ir, pmr, cmr)