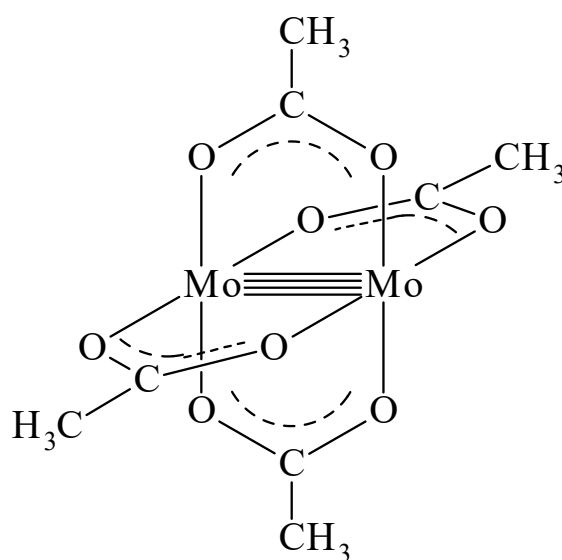




>>Entry Name: Tetrakis[μ-(acetato-*O:O'*)]dimolybdenum, 10Cl, 9Cl, 8Cl

Synonym(s): Dimolybdenum tetraacetate



CAS Registry Number: 14221-06-8

Molecular Formula: C₈H₁₂Mo₂O₈

Molecular Weight: 428.058

Accurate Mass: 431.864032

Percentage Composition: C 22.45%; H 2.83%; Mo 44.83%; O 29.90%

Source/Synthesis: Synth. from Mo(CO)₆ + AcOH + Ac₂O

Use/Importance: Precursor to Mo*Mo compds. Catalyses ring opening polym. Precursor for grafting Mo₂ species uniformly onto SiO₂ producing a catalyst which is highly active in alkene metathesis reactions

Physical Description: Air-sensitive yellow cryst. (diglyme)

Boiling Point: Subl. 300° *in vacuo*

Solubility: Spar. sol. polar org. solvs; insol. non-polar solvs.

Aldrich: 23207-6

Fluka: 69846

>>Derivative: Monomer

Synonym(s): Molybdenum(II) acetate

CAS Registry Number: 11071-39-9

Molecular Formula: C₄H₆MoO₄

Molecular Weight: 214.029

Accurate Mass: 215.932016

Percentage Composition: C 22.45%; H 2.83%; Mo 44.83%; O 29.90%

Other Data: Has no separate existence

References:

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