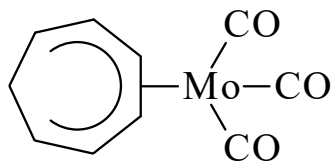




>>Entry Name: Tricarbonyl[(1,2,3,4,5,6- η)-1,3,5-cycloheptatriene]molybdenum, 9Cl

Synonym(s): (η^6 -1,3,5-Cycloheptatriene)tricarbonylmolybdenum



CAS Registry Number: 12125-77-8

Molecular Formula: $C_{10}H_8MoO_3$

Molecular Weight: 272.111

Accurate Mass: 273.952751

Percentage Composition: C 44.14%; H 2.96%; Mo 35.26%; O 17.64%

Source/Synthesis: Synth. from C_7H_8 and $Mo(CO)_6$

Physical Description: Light-sensitive red hexagonal prisms (hexane), air-stable in solid state

Melting Point: Mp 100.5-101.5° (95° dec.)

Boiling Point: Subl. 85° *in vacuo*

Other Data: Dec. by CCl_4

Aldrich: 11928-8

Rare Chemicals Library: S43222-9

References:

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