

Molybdenum, tricarbonyl[(1,2,3,4,5,6-«eta»)-1,3,5-cycloheptatriene]-

Other names:	Cycloheptatriene molybdenum tricarbonyl Molybdenum, tricarbonyl(1,3,5-cycloheptatriene)- Tricarbonyl(«eta»-1,3,5-cycloheptatriene)molybdenum Tricarbonyl(cycloheptatriene)molybdenum Molybdenum, tricarbonyl[(1,2,3,4,5,6-«eta»
Inchi:	InChI=1S/C7H8.3CO.Mo/c1-2-4-6-7-5-3-1;3*1-2;/h1-6H,7H2;;;;
InchiKey:	WQAVHVQYKSYTII-UHFFFAOYSA-N
Formula:	C10H8MoO3
SMILES:	C1=CC=CCC=C1.[C-]#[O+].[C-]#[O+].[C-]#[O+].[Mo]
Mol. weight [g/mol]:	272.13
CAS:	12125-77-8

Physical Properties

Property code	Value	Unit	Source
hsub	88.00 ± 4.00	kJ/mol	NIST Webbook
ie	7.44	eV	NIST Webbook
ie	7.46 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12125778&Units=SI>

Legend

hsub: Enthalpy of sublimation at standard conditions
ie: Ionization energy

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