

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

Other names:	Cycloheptatrienetungsten tricarbonyl Tungsten, tricarbonyl[(1,2,3,4,5,6-«eta»)-1,3,5-cycloheptatriene]- Tungsten, tricarbonyl(1,3,5-cycloheptatriene)- Tricarbonyl(«eta»-1,3,5-cycloheptatriene)tungsten Tricarbonyl(cycloheptatriene)tungsten
Inchi:	InChI=1S/C7H8.3CO.W/c1-2-4-6-7-5-3-1;3*1-2;/h1-6H,7H2;;;;
InchiKey:	YFXVYJADJBVKFC-UHFFFAOYSA-N
Formula:	C10H8O3W
SMILES:	C1=CC=CCC=C1.[C-]#[O+].[C-]#[O+].[C-]#[O+].[W]
Mol. weight [g/mol]:	360.01
CAS:	12128-81-3

Physical Properties

Property code	Value	Unit	Source
hsub	92.00	kJ/mol	NIST Webbook
ie	7.32	eV	NIST Webbook
ie	7.55 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12128813&Units=SI>

Legend

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

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