

Molybdenum, tetracarbonyl(2,5-norbornadiene)-

Other names:	Molybdenum, [(2,3,5,6-«eta»)-bicyclo[2.2.1]hepta-2,5-diene]tetracarbonyl- Molybdenum, (2,5-norbornadiene)tetracarbonyl- Bicycloheptadienemolybdenum tetracarbonyl Molybdenum, («eta»
Inchi:	InChI=1S/C7H8.4CO.Mo/c1-2-7-4-3-6(1)5-7;4*1-2;/h1-4,6-7H,5H2;;;;;
InchiKey:	UZHYHBPCAGKHZ-UHFFFAOYSA-N
Formula:	C11H8MoO4
SMILES:	C1=CC2C=CC1C2.[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Mo]
Mol. weight [g/mol]:	300.14
CAS:	12146-37-1

Physical Properties

Property code	Value	Unit	Source
hf	-331.80 ± 7.30	kJ/mol	NIST Webbook
hfs	-423.80 ± 6.10	kJ/mol	NIST Webbook
hsub	92.00 ± 4.00	kJ/mol	NIST Webbook
hsub	92.00 ± 4.00	kJ/mol	NIST Webbook
ie	7.00	eV	NIST Webbook
ie	7.48	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12146371&Units=SI>

Legend

hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
ie:	Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/41-317-4/Molybdenum-tetracarbonyl-2-5-norbornadiene.pdf>

Generated by Cheméo on 2024-07-18 12:26:29.074177762 +0000 UTC m=+531804.270148123.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.