

Molybdenyl acetylacetonate

Other names:	Molybdenum(VI) oxide bis(2,4-pentanedionate) Molybdenum(VI) dioxide bis(acetylacetonate) Molybdenum, dioxobis(2,4-pentanedionato-O,O')- Molybdenum-di(oxybisacetylacetonate) dioxobis(pentane-2,4-dionato-O,O')molybdenum
Inchi:	InChI=1S/2C5H8O2.Mo.2O/c2*1-4(6)3-5(2)7;;;/h2*3,6H,1-2H3;;;/q;;+2;;/p-2/b4-3+;4-3-;;;
InchiKey:	SKMUJBBRXZPAJY-UZUXQKAQSA-L
Formula:	C10H14MoO6
SMILES:	CC(=O)C=C(C)O[Mo](=O)(=O)OC(C)=CC(C)=O
Mol. weight [g/mol]:	326.17
CAS:	17524-05-9

Physical Properties

Property code	Value	Unit	Source
hf	-1210.00 ± 10.00	kJ/mol	NIST Webbook
hfs	-1342.10 ± 2.90	kJ/mol	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C17524059&Units=SI>

Legend

hf: Enthalpy of formation at standard conditions
hfs: Solid phase enthalpy of formation at standard conditions

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