

Manganese, acetylpentacarbonyl-, (OC-6-21)-

Other names:	Manganese, acetylpentacarbonyl- Acetylpentacarbonylmanganese
Inchi:	InChI=1S/C2H3O.5CO.Mn/c1-2-3;5*1-2;/h1H3;;;;;;;;
InchiKey:	HSHGZSOJMSYWAG-UHFFFAOYSA-N
Formula:	C7H3MnO6
SMILES:	C[C]=O.[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Mn]
Mol. weight [g/mol]:	238.03
CAS:	13963-91-2

Physical Properties

Property code	Value	Unit	Source
hf	-900.70 ± 8.20	kJ/mol	NIST Webbook
hf	-889.70 ± 8.90	kJ/mol	NIST Webbook
hf	-895.00 ± 9.00	kJ/mol	NIST Webbook
hfs	-980.70 ± 4.20	kJ/mol	NIST Webbook
hfs	-969.70 ± 5.50	kJ/mol	NIST Webbook
hfs	-975.00 ± 6.00	kJ/mol	NIST Webbook
hsub	80.00 ± 7.00	kJ/mol	NIST Webbook
hsub	80.00 ± 7.00	kJ/mol	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13963912&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

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