

Tris(2,2,6,6-tetramethylheptane-3,5-dionato)yttrium

Other names:	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)yttrium(III) tris(2,2,6,6-tetramethylheptan-3,5-dionato)yttrium(III)
Inchi:	InChI=1S/3C11H20O2.Y/c3*1-10(2,3)8(12)7-9(13)11(4,5)6;/h3*7,12H,1-6H3;/q;;;+3/p-3/b
InchiKey:	PPRRRPCEDUWEHL-LWTKGLMZSA-K
Formula:	C33H57O6Y
SMILES:	CC(C)(C)C(=O)C=C([O-])C(C)(C)C.CC(C)(C)C(=O)C=C([O-])C(C)(C)C.CC(C)(C)C(=O)C=C([O-])C(C)(C)C
Mol. weight [g/mol]:	638.71
CAS:	15632-39-0

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	51.80	kJ/mol	440.00	NIST Webbook
hsubt	141.60	kJ/mol	414.50	NIST Webbook
hsubt	151.00 ± 0.80	kJ/mol	372.50	NIST Webbook
hsubt	153.10 ± 0.40	kJ/mol	367.00	NIST Webbook
hsubt	135.90	kJ/mol	418.00	NIST Webbook
hsubt	126.00	kJ/mol	397.00	NIST Webbook
hsubt	156.90	kJ/mol	390.50	NIST Webbook
hvapt	89.50	kJ/mol	452.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15632390&Units=SI>

Legend

hfust:	Enthalpy of fusion at a given temperature
hsubt:	Enthalpy of sublimation at a given temperature
hvapt:	Enthalpy of vaporization at a given temperature

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