Copper, bis(2,2,6-trimethyl-3,5-heptanedionato-O,O')-

Other names: bis(2,2,6-trimethylheptan-3,5-dionato)copper(II)
Inchi: InChI=1S/2C10H18O2.Cu/c2*1-7(2)8(11)6-9(12)10(3,4)5;/h2*6-7,11H,1-5H3;/q;;+2/p-2/b
InchiKey: PGRIRXFLIQOKAF-HIGYRTBYSA-L
Formula: C20H34CuO4
SMILES: CC(C)C([O-])=CC(=O)C(C)(C)C.CC(C)C([O-])=CC(=O)C(C)(C)C.[Cu]
Mol. weight [g/mol]: 402.03
CAS: 41752-16-3

Physical Properties

Property code	Value	Unit	Source
hsub	130.20 ± 0.70	kJ/mol	NIST Webbook
hsub	130.60 ± 1.50	kJ/mol	NIST Webbook
hsub	131.70 ± 1.30	kJ/mol	NIST Webbook
hsub	126.40 ± 1.10	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	127.40 ± 0.70	kJ/mol	354.00	NIST Webbook
hsubt	127.80 ± 1.50	kJ/mol	354.00	NIST Webbook
hsubt	129.00 ± 1.30	kJ/mol	351.00	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C41752163&Units=SI

Legend

hsub: Enthalpy of sublimation at standard conditions

hsubt: Enthalpy of sublimation at a given temperature