

Bis(diisopropyldithiocarbamate)copper complex

Other names:	bis(dipropyldithiocarbamate)copper
Inchi:	InChI=1S/2C7H15NS2.Cu/c2*1-5(2)8(6(3)4)7(9)10;/h2*5-6H,1-4H3,(H,9,10);/q;+2/p-2
InchiKey:	MQDOGYRERAPWMG-UHFFFAOYSA-L
Formula:	C14H28CuN2S4
SMILES:	CC(C)N(C1=[SH][Cu]2(S1)SC(N(C(C)C)C(C)C)=[SH]2)C(C)C
Mol. weight [g/mol]:	416.19
CAS:	14354-07-5

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	129.50 ± 2.90	kJ/mol	452.50	NIST Webbook
hvapt	118.40	kJ/mol	437.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C14354075&Units=SI>

Legend

hsubt: Enthalpy of sublimation at a given temperature

hvapt: Enthalpy of vaporization at a given temperature

Latest version available from:

<https://www.cheméo.com/cid/34-995-0/Bis-diisopropyldithiocarbamate-copper-complex.pdf>

Generated by Cheméo on 2024-05-06 05:36:25.226657228 +0000 UTC m=+17263034.147234544.

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