Dimethyldithiocarbamic acid,copper salt

Other names:	Copper, bis(dimethylcarbamodithioato-S,S')-, (SP-4-1)-
	Carbamic acid, dimethyldithio-, copper(ii) salt
	Compound-4018
	Copper, bis(dimethyldithiocarbamato)-
	Copper(II) dimethyldithiocarbamate
	Cumate
	Wolfen
	Akrochem Cu.D.D
	Bis(dimethylcarbamodithioato-S,S') copper
	Copper dimethyl dithiocarbamate
	Perkacit CDMC
	copper bis(dimethyldithiocarbamate)
	bis(dimethyldithiocarbamate)copper
Inchi:	InChI=1S/2C3H7NS2.Cu/c2*1-4(2)3(5)6;/h2*1-2H3,(H,5,6);/q;;+2/p-2
InchiKey:	ZOUQIAGHKFLHIA-UHFFFAOYSA-L
Formula:	C6H12CuN2S4
SMILES:	CN(C)C(=S)S[Cu]SC(=S)N(C)C
Mol. weight [g/mol]:	303.98
CAS:	137-29-1

Physical Properties

Property code	Value	Unit	Source
hsub	156.00 ± 0.30	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	147.40 ± 0.80	kJ/mol	458.00	NIST Webbook
hvapt	147.40	kJ/mol	458.00	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C137291&Units=SI

Legend

hsub: Enthalpy of sublimation at standard conditions
hsubt: Enthalpy of sublimation at a given temperature
hvapt: Enthalpy of vaporization at a given temperature