Bis(diisobutyldithiocarbamate)nickel complex

Other names:	bis(diisobutyldithiocarbamate)nickel
Inchi:	InChI=1S/2C9H19NS2.Ni/c2*1-7(2)5-10(9(11)12)6-8(3)4;/h2*7-8H,5-6H2,1-4H3,(H,11,12
InchiKey:	YCBUXHNUQAZVSS-UHFFFAOYSA-L
Formula:	C18H36N2NiS4
SMILES:	CC(C)CN(CC(C)C)C1=[SH][Ni]2(S1)SC(N(CC(C)C)CC(C)C)=[SH]2
Mol. weight [g/mol]:	467.44
CAS:	28371-07-5

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	152.10 ± 1.30	kJ/mol	433.00	NIST Webbook
hvapt	124.00	kJ/mol	463.00	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C28371075&Units=SI

Legend

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

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