

Bis(dimethyldithiocarbamato) nickel complex

Other names: Bis(dimethyldithiocarbamato) nickel complex; Methyl niclate; Nickel dimethyldithiocarbamate; Nickel, bis(dimethyldithiocarbamato)-; bis(dimethyldithiocarbamate)nickel; nickel bis(dimethyldithiocarbamate).

InChI:

InChI=1S/2C3H7NS2.Ni/c2*1-4(2)3(5)6;/h2*1-2H3,(H,5,6);/q;+2/p-2

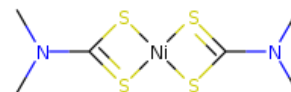
InChI Key: BLCKKNLGFULNRC-UHFFFAOYSA-L

Formula: C6H12N2NiS4

SMILES: CN(C)C1=S[Ni]2(S1)SC(N(C)C)=S2

Molecular Weight: 299.13

CAS: 15521-65-0



Temperature Dependent Properties

Property	Value	Unit	Temperature (K)	Source
$\Delta_{\text{vap}}H$	139.90 ± 2.10	kJ/mol	463.0	NIST Webbook

Sources

NIST Webbook:

[http://webbook.nist.gov/cgi/inchi/InChI=1S/2C3H7NS2.Ni/c2*1-4\(2\)3\(5\)6;/h2*1-2H3,\(H,5,6\);/q;+2/p-2](http://webbook.nist.gov/cgi/inchi/InChI=1S/2C3H7NS2.Ni/c2*1-4(2)3(5)6;/h2*1-2H3,(H,5,6);/q;+2/p-2)

Legend

$\Delta_{\text{vap}}H$: Enthalpy of vaporization at a given temperature (kJ/mol).

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