

Bis(dimethyldithiocarbamato) nickel complex

Other names:	Nickel, bis(dimethyldithiocarbamato)- Bis(dimethyldithiocarbamato) nickel complex Methyl niclate Nickel dimethyldithiocarbamate nickel bis(dimethyldithiocarbamate) bis(dimethyldithiocarbamate)nickel
Inchi:	InChI=1S/2C3H7NS2.Ni/c2*1-4(2)3(5)6;/h2*1-2H3,(H,5,6);/q;;+2/p-2
InchiKey:	BLCKKNLGFULNRC-UHFFFAOYSA-L
Formula:	C6H12N2NiS4
SMILES:	CN(C)C1=[S][Ni]2([S]1)[S]C(N(C)C)=[S]2
Mol. weight [g/mol]:	299.14

Physical Properties

Property code	Value	Unit	Source
rinpol	2833.00		NIST Webbook
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Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	139.90 ± 2.10	kJ/mol	463.00	NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15521650&Units=SI>

Cheméo Relay (1.0):

Legend

hvapt: Enthalpy of vaporization at a given temperature

rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/10-606-7/Bis-dimethyldithiocarbamato-nickel-complex.pdf>

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