

# Nickel, bis(dibutylcarbamodithioato-S,S')-, (SP-4-1)-

Other names:

(Dibutyldithiocarbamato)nickel(II)  
Bis(dibutyldithiocarbamato)nickel  
Carbamic acid, dibutyldithio-, nickel salt  
Carbamic acid, dibutyldithio-, nickel(2+) salt  
Carbamodithioic acid, dibutyl-, nickel(2+) salt  
Dibutyldithiocarbamic acid, nickel salt  
Nickel bis(dibutyldithiocarbamate)  
Nickel dibutyldithiocarbamate  
Nickel(II) dibutyldithiocarbamate  
Nickel, bis(dibutyldithiocarbamato)-  
NBC  
Rylex NBC  
Vanguard N  
UV chek am 104  
Bis(dibutyldithiocarbamate)nickel complex  
Naugard NBC  
Nickel di-n-butylthiocarbamate  
Perkacit NDBC  
Vanox NBC  
bis(dibutyldithiocarbamate)nickel

Inchi:

InChI=1S/2C9H19NS2.Ni/c2\*1-3-5-7-10(9(11)12)8-6-4-2;/h2\*3-8H2,1-2H3,(H,11,12);/q;+;

InchiKey:

HPOWMHUJHHIQGP-UHFFFAOYSA-L

Formula:

C18H36N2NiS4

SMILES:

CCCCN(CCCC)C1=[S][Ni]2(S1)SC(N(CCCC)CCCC)=[S]2

Mol. weight [g/mol]:

467.44

CAS:

13927-77-0

## Physical Properties

Property code	Value	Unit	Source
rmpol	3618.00		NIST Webbook
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## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	136.60	kJ/mol	500.00	NIST Webbook

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## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13927770&Units=SI>

## Legend

**hvapt:** Enthalpy of vaporization at a given temperature

**rinpol:** Non-polar retention indices

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