

Nickel[II] bis(O,O'-diethyldithiophosphate)

Other names:	Nickel[II] bis(diethyldithiophosphate)
Inchi:	InChI=1S/2C4H11O2PS2.Ni/c2*1-3-5-7(8,9)6-4-2;/h2*3-4H2,1-2H3,(H,8,9);/q;+2/p-2
InchiKey:	BTKKQTNOTFLTDO-UHFFFAOYSA-L
Formula:	C8H20NiO4P2S4
SMILES:	CCOP1(OCC)=[SH][Ni]2(S1)SP(OCC)(OCC)=[SH]2
Mol. weight [g/mol]:	429.14
CAS:	15701-66-3

Physical Properties

Property code	Value	Unit	Source
ie	6.90	eV	NIST Webbook
ie	7.20	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15701663&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/66-832-5/Nickel-II-bis-O-O-diethyldithiophosphate.pdf>

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