

# Nickel phthalocyanine

<b>Other names:</b>	Nickel(II) phthalocyanine Phthalocyaninatonickel (II) Nickel, [29H,31H-phthalocyaninato(2-)-N(29),N(30),N(31),N(32)-], (SP-4-1)- (Phthalocyaninato(2-))nickel Nickel phthalocyanine blue Nickel, (phthalocyaninato(2-))- 2,1-Phthalocyaninato nickel Nickel, (29H,31H-phthalocyaninato(2-)-«kappa»N29,«kappa»N30,«kappa»N31,«kappa»N32)-, (SP-4-1)- [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]nickel
<b>Inchi:</b>	InChI=1S/C32H16N8.Ni/c1-2-10-18-17(9-1)25-33-26(18)38-28-21-13-5-6-14-22(21)30(35)
<b>InchiKey:</b>	LVIIYYTJTOKJJOC-UHFFFAOYSA-N
<b>Formula:</b>	C32H16N8Ni
<b>SMILES:</b>	[Ni].c1ccc2c(c1)-c1nc-2nc2[n-]c(nc3nc([n-]c4nc(n1)-c1cccc1-4)-c1cccc1-3)c1cccc21
<b>Mol. weight [g/mol]:</b>	571.22
<b>CAS:</b>	14055-02-8

## Physical Properties

Property code	Value	Unit	Source
ie	7.45 ± 0.10	eV	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C14055028&Units=SI>

## Legend

**ie:** Ionization energy

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