

# Phthalocyaninatoiron

<b>Other names:</b>	Iron phthalocyanine Iron(II) phthalocyanine Iron, [29H,31H-phthalocyaninato(2-)-N(29)-,N(30)-,N(31)-,N(32)-], (SP-4-1)- Iron,[29H,31H-phthalocyaninato(2-)-N
<b>Inchi:</b>	InChI=1S/C32H16N8.Fe/c1-2-10-18-17(9-1)25-33-26(18)38-28-21-13-5-6-14-22(21)30(3
<b>InchiKey:</b>	MIINHRNQLVVCEW-UHFFFAOYSA-N
<b>Formula:</b>	C32H16FeN8
<b>SMILES:</b>	[Fe].c1ccc2c(c1)-c1nc-2nc2[n-]c(nc3nc([n-]c4nc(n1)-c1cccc1-4)-c1cccc1-3)c1cccc21
<b>Mol. weight [g/mol]:</b>	568.37
<b>CAS:</b>	132-16-1

## Physical Properties

Property code	Value	Unit	Source
ie	7.22 ± 0.10	eV	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C132161&Units=SI>

## Legend

**ie:** Ionization energy

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