

# Copper octaethylporphyrin

<b>Other names:</b>	Cu-OEP complex 2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine copper
<b>Inchi:</b>	InChI=1S/C36H44N4.Cu/c1-9-21-22(10-2)30-18-32-25(13-5)26(14-6)34(39-32)20-36-28(
<b>InchiKey:</b>	WYWUPEFEFRBNGN-XTPDIVBZSA-N
<b>Formula:</b>	C36H44CuN4
<b>SMILES:</b>	CCC1=C(CC)c2cc3[n-]c(cc4nc(cc5[n-]c(cc1n2)c(CC)c5CC)C(CC)=C4CC)c(CC)c3CC.[C
<b>Mol. weight [g/mol]:</b>	596.31
<b>CAS:</b>	14409-63-3

## Physical Properties

Property code	Value	Unit	Source
ie	6.31 ± 0.03	eV	NIST Webbook
rinpol	5390.00		NIST Webbook
rinpol	5390.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C14409633&Units=SI>

## Legend

**ie:** Ionization energy  
**rinpol:** Non-polar retention indices

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