

# Bis(1,3-diphenyl-1,3-propanedionato)copper

**Inchi:** InChI=1S/2C15H12O2.Cu/c2\*16-14(12-7-3-1-4-8-12)11-15(17)13-9-5-2-6-10-13;/h2\*1-11  
**InchiKey:** ZTFWEGIHVVYESQ-AGIYBIRKSA-L  
**Formula:** C30H22CuO4  
**SMILES:** O=C(C=C([O-])c1ccccc1)c1ccccc1.O=C(C=C([O-])c1ccccc1)c1ccccc1.[Cu]  
**Mol. weight [g/mol]:** 510.04  
**CAS:** 58179-06-9

## Physical Properties

Property code	Value	Unit	Source
hsub	230.70 ± 8.20	kJ/mol	NIST Webbook
ie	8.28 ± 0.05	eV	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C58179069&Units=SI>

## Legend

**hsub:** Enthalpy of sublimation at standard conditions  
**ie:** Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/18-280-1/Bis-1-3-diphenyl-1-3-propanedionato-copper.pdf>

Generated by Cheméo on 2024-04-19 16:37:54.92426553 +0000 UTC m=+15833923.844842842.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.