

Copper 8-hydroxyquinolate

Other names:

Copper, bis(8-quinolinolato-N1,O8)-
Copper, bis(8-quinolinolato)-
Bis(8-hydroxyquinolinato)copper
Bis(8-quinolinolato)copper
Copper bis(8-hydroxyquinolate)
Copper dioxinate
Copper hydroxyquinolate
Copper hydroxyquinolate
Copper oxinate
Copper oxyquinolate
Copper oxyquinoline
Copper quinolate
Copper quinolinolate
Copper 8-hydroxyquinolate
Copper 8-quinolate
Copper 8-quinolinolate
Copper(2+) oxinate
Copper-oxine
Cunilate 2174
Cupric 8-hydroxyquinolate
Cupric 8-quinolinolate
Cuproquin
Milmer 1
Oxine copper
Quinolate
Quinolate 15
Quinolate 20
Bioquin
Bioquin 1
Bis(8-quinolinato)copper
Cellu-Quin
Copper 8-quinolinolate(1:2)
Copper-8
Copper, bis(8-quinolinolato-N(sup1),O(sup8))-
Cunilate
Cunilate 2419
Cuprinol Dispersion AQ
Fennotox 45
Milmer
Oxime copper

Quinondo
Timtex AQS
Timtex 17
8-Hydroxyquinoline copper complex
8-Quinolinol, copper (II) chelate
8-Quinolinol, copper salt
Cunilate 2472
Dokirin
Fruitdo
Oxine cuivre
Oxyquinolinoleate de cuivre

bis(8-hydroxyquinolinato)copper(II)

Inchi: InChI=1S/2C9H7NO.Cu/c2*11-8-5-1-3-7-4-2-6-10-9(7)8;/h2*1-6,11H;/q;,+2/p-2
InchiKey: YXLXNENXOJSQEI-UHFFFAOYSA-L
Formula: C18H12CuN2O2
SMILES: [Cu].[O-]c1cccc2cccnc12.[O-]c1cccc2cccnc12
Mol. weight [g/mol]: 351.85
CAS: 10380-28-6

Physical Properties

Property code	Value	Unit	Source
hsub	168.70 ± 7.30	kJ/mol	NIST Webbook
hsub	170.00 ± 3.00	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	160.00 ± 3.00	kJ/mol	490.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C10380286&Units=SI>

Legend

hsub: Enthalpy of sublimation at standard conditions

hsubt: Enthalpy of sublimation at a given temperature

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