



CAS Registry Number: 13877-24-2
Extra CAS Registry Numbers(s): 10085-76-4
Molecular Formula: Cl₄CuK₂
Molecular Weight: 283.553
Accurate Mass: 280.74242
Percentage Composition: Cl 50.01%; Cu 22.41%; K 27.58%
Physical Description: Yellow-orange cryst. (aq. soln.)

>>**Derivative:** Di-Cs salt

CAS Registry Number: 13820-31-0
Physical Description: Yellow-orange cryst. (aq. soln.)

>>**Variant:** Planar-form

Molecular Formula: Cl₄Cu
Molecular Weight: 205.357
Accurate Mass: 202.815006
Percentage Composition: Cl 69.06%; Cu 30.94%

2(-)

>>**Derivative:** Bis[dimethyl(1-methyl-4-oxo-3,3-diphenylhexyl)ammonium] salt
Synonym(s): Dihydrogen, compd. with (±)-6-(dimethylamino)-4,4-diphenyl-3-heptanone (1:2)

CAS Registry Number: 72268-09-8
Physical Description: Dark green cryst.
Melting Point: Mp 124-128°

References:

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Jonassen, H. *et al.*, *J.A.C.S.*, 1945, **67**, 1709, (*octahedral-form, synth*)
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Mitra, S., *Indian J. Pure Appl. Phys.*, 1964, **2**, 333, (*tetrahedral-form, magnetism*)
Sharnoff, M., *J. Chem. Phys.*, 1964, **41**, 2203, (*epr*)
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Morosin, B. *et al.*, *J. Mol. Spectrosc.*, 1964, **12**, 98, (*tetrahedral-form, uv*)
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Furlani, C. *et al.*, *J. Mol. Spectrosc.*, 1967, **24**, 270, (*epr*)
Adams, D.M. *et al.*, *J.C.S.(A)*, 1967, 620, (*ir*)
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Encyclopaedia of Reagents for Organic Synthesis, (ed. Paquette, L.A.), Wiley, 1995, **3**, 1957, (*di-Li salt, synth, use*)