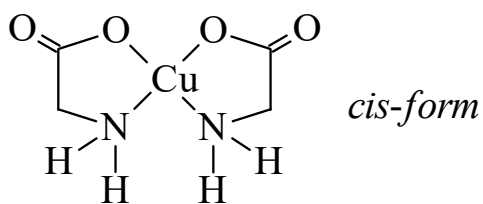




>>Entry Name: **Bis(glycinato)copper**, 11Cl, 10Cl, 9Cl, 8Cl



CAS Registry Number: 13479-54-4

Molecular Formula: C₄H₈CuN₂O₄

Molecular Weight: 211.664

Accurate Mass: 210.988006

Percentage Composition: C 22.70%; H 3.81%; Cu 30.02%; N 13.23%; O 30.24%

Use/Importance: Used in photometric detn. of Cu and in catalysis

>>**Variant:** *cis*-form

CAS Registry Number: 10171-08-1

Molecular Formula: C₄H₈CuN₂O₄

Molecular Weight: 211.664

Accurate Mass: 210.988006

Percentage Composition: C 22.70%; H 3.81%; Cu 30.02%; N 13.23%; O 30.24%

>>**Derivative:** Monohydrate

CAS Registry Number: 23678-02-6

Physical Description: Dark blue needles

>>**Variant:** *trans*-form

CAS Registry Number: 10170-99-7

Molecular Formula: C₄H₈CuN₂O₄

Molecular Weight: 211.664

Accurate Mass: 210.988006

Percentage Composition: C 22.70%; H 3.81%; Cu 30.02%; N 13.23%; O 30.24%

>>**Derivative:** Monohydrate

CAS Registry Number: 14932-09-3

Physical Description: Deep blue rhombic cryst.

Melting Point: Mp 228 dec.°

Solubility: Sol. H₂O, sl. sol. EtOH

>>**Derivative:** Dihydrate

CAS Registry Number: 23678-01-5

Physical Description: Light blue powdery cryst.

Melting Point: Mp 225 dec.°

Solubility: Sol. H₂O

References:

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Hayakawa, K. *et al.*, *Bull. Chem. Soc. Jpn.*, 1973, **46**, 2792, (*use*)
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