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{5,5'-Dimethoxy-2,2'-[1,1'-(2,2-dimethylpropane-1,3-diyl)dinitrilo]diethyldiynyl}diphenolato- κ^4 O,N,N',O' copper(II) monohydrate

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Abstract: The tetradentate dianion in the title complex hydrate, $[\text{Cu}(\text{C}_{23}\text{H}_{28}\text{N}_2\text{O}_4)] \cdot \text{H}_2\text{O}$, provides the Cu^{II} atom with a *cis*- N_2O_2 donor set. There is a significant twist from a regular square-planar geometry with the dihedral angle formed between the two six-membered CuOC_3N chelate rings being $32.14(8)^\circ$. The water molecule forms hydrogen bonds to each of the coordinating O atoms of a given complex molecule. Supramolecular layers in the *bc* plane are formed in the crystal packing through $\text{C-H} \cdots \text{O}$ and $\text{C-H} \cdots \pi$ interactions.