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8-Hydroxy-2-methylquinolinium dichlorido(2-methylquinolin-8-olato- κ^2N,O)zincate acetonitrile disolvate

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Abstract: The reaction of 2-methyl-8-hydroxyquinoline and zinc chloride in acetonitrile affords the title solvated salt, $(C_{10}H_{10}NO)[Zn(C_{10}H_8NO)Cl_2] \cdot 2CH_3CN$, in which the Zn^{II} atom is coordinated by an N,O -chelating 2-methylquinolin-8-olate ligand and two chloride ligands in a distorted tetrahedral geometry. The cation is linked to the heterocyclic anion by an $O-H \cdots O$ hydrogen bond and the quinolinium H atom forms an intermolecular $N-H \cdots N$ hydrogen bond with one of the acetonitrile solvent molecules.