Structure and Magnetic Properties of an Oxalic Acid Bridged **Dinuclear Copper(II) Complex** Manas Kumar Saha^a, Sutapa Sen^a, Parimal Kundu^{+,a}, Tarakranjan Gupta^a,

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[LCu $\{\mu$ -(OH)₂(C₂O₂) $\}$ CuL](ClO₄)₂, (HL = N,N-dimethyl N-propylsalicylald-imine) was synthesised and its crystal structure was determined. C₂₆H₃₆Cl₂Cu₂N₄O₁₄, triclinic space group PĪ with a = 9.288(9), b = 10.016(11), c = 10.09(2) Å and $\alpha = 101.05(11)$, $\beta = 108.22(10)$, $\gamma = 110.22(10)^{\circ}$, V = 787(2) Å³, Z = 2. Two copper(II) ions in a distorted square-planar coordination are bridged by an oxalic acid molecule to form dinuclear units. The copper(II) centres are separated by 5.2 Å and antiferromagnetically coupled $(J = -478 \text{ cm}^{-1})$, which follows from temperature-dependent magnetic susceptibility measurements in the range 12 to 300 K.

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