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Title: Crystal and Molecular Structure of 2-Hydroxy-N-(2-aminosalicylidene)aniline

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The structure has been determined by single crystal x-ray crystallography from data collected at 298 K. The molecule is nearly planar as expected. The angle between the two phenyl planes is 2.46°. The d[C-N] imine bond is 1.314(2) Å, while the bridge atttachments to the phenyl rings are d[C-N] =1.409(2) Å and d[C-C] = 1.482(2) Å. The carbonyl C-O length is 1.231(2) Å.

Recrystallized from ethyl acetate and hexane as thick red hexagonal plates. *X-ray Crystal Data:* $C_{13}H_{12}N_2O_2$, *MW* = 228.24, orthorhombic, $P2_12_12_1$ (No. 19), a = 6.7471(4), b = 12.1418(12), c = 13.5238(10) Å, V=1107.89(17) Å^3, T=297±2 K, z = 4, d_{calc} = 1.368 Mg m^{-3}, μ = 0.09 mm^{-1}, MoKα radiation (λ = 0.71073 Å), *F(000)* = 480., $\sin\theta/\lambda_{max}$ = 0.649 Å^{-1}, R_{int} = 0.017, 2534 unique data, 2270 Fo>4σ(Fo), R_1 = 0.0381, wR_2 = 0.0892, gof = 0.974, ρ_{max} = 0.11(2) e A^{-3}.