Table 1. Structural determination details.

Compound	1	2
Empirical formula	$C_{24}H_{30}CuN_2O_9$	$C_{15}H_{19}CuNO_7$
Crystal Form		
Crystal System	Monoclinic	Orthorhombic
Space group	C2/c (#14)	Pbca, (#36)
T (°C)	20.0	20.0
Scan Method	ω	ω
Solution	Direct Methods (ShelXS)	Direct Methods (ShelXS)
Refinement Method	Full-matrix least-squares	Full-matrix least-squares
a, (Å)	17.835(13)	12.218(3)
b,(Å)	5.528(4)	15.098(6)
c, (Å)	26.72(2)	18.008(6)
α, (°)	90	90
β, (°)	98.68(6)	90
γ, (°)	90	90
Z	4	8
V (Å^3)	2604(4)	3322(2)
Density$_{(calc)}$, (Mg/m^3)	1.413	1.555
Size (mm)	0.15 x 0.15 x 0.10	0.15 x 0.15 x 0.10
Formula weight (amu)	388.85	397.86
Independent reflections	2999	2929
No. of Parameters	164	219
Final R indices (obs)	R_1 = 5.43%	R_1 = 3.84%
	wR_2 = 11.85%	wR_2 = 6.41%
R indices (all. data)	R_1 = 9.40%	R_1 = 9.65%
	wR_2 = 14.04%	wR_2 = 6.91%
Goodness-of-fit	0.882	0.626
Extinction coefficient	----	0.0073(12)
Largest diff. peak and hole, (e.Å^{-3})	0.659 and -0.63	0.350 and -0.302

$$R_1 = \sum ||F_o| - |F_c|| / \sum |F_o|, \qquad wR_2 = \left[\sum (wF_o^2 - F_c^2)^2 / \sum (wF_o^4) \right]^{1/2}$$

$$\text{Goodness-of-Fit} = \left[\sum (w|F_o| - |F_c|)^2 / (n_o - n_v) \right]^{1/2}$$

where n_o = number of observations, n_v = number of parameters and w = weights.

weight $= 1/\sigma^2(F_o^2) + (0.0000*P)^2 + 0 * P$, where $P = (\max(F_o^2,0) + 2 * F_c^2)/3$