$$\sigma = (T_D - T_V) \times \left(1 - \frac{\%m_{res}}{\%m_{Cu}}\right)$$

Equation 1: Figure of Merit Calculation where T_D is the onset of thermal decomposition (°C), T_V is the vapour temperature (Torr / °C), $\%m_{res}$ is the present residual mass and $\%m_{Cu}$ is the present copper of the total precursor mass.

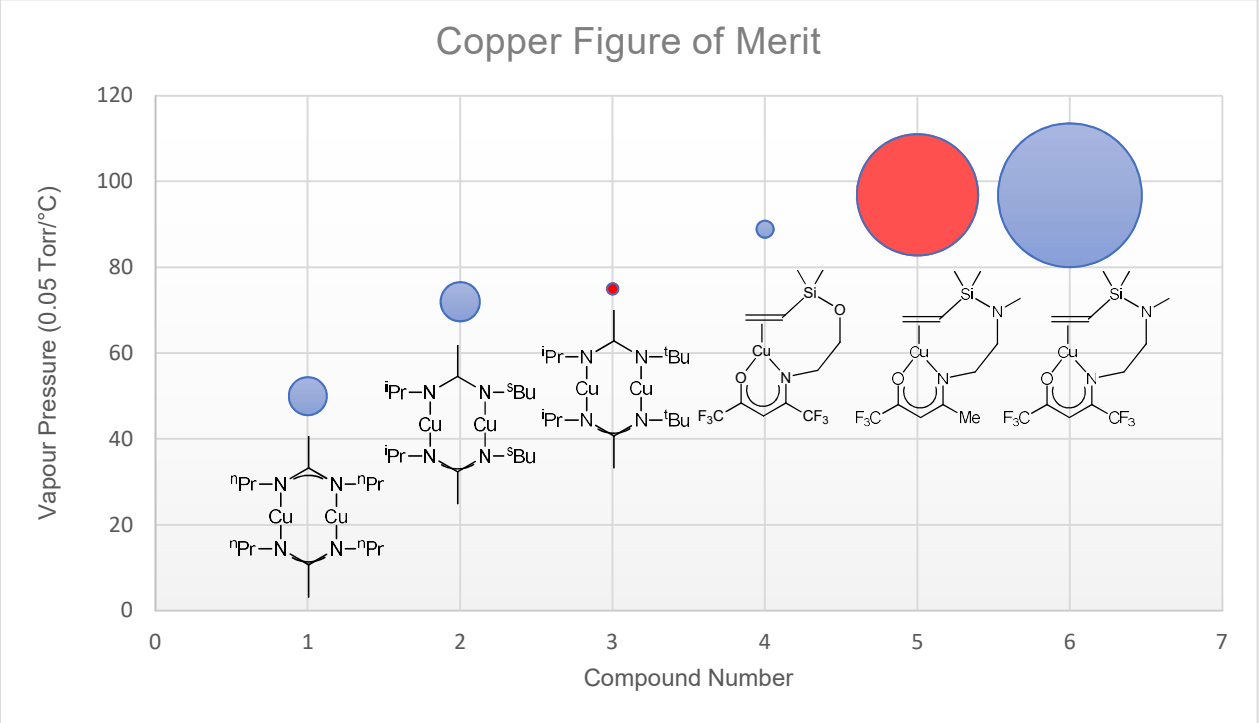

Figure 1: Example of copper precursor figure of merit using Equation **1**, with compounds $[Cu(^{n}Pr - Me - amd)_2]_2$ (**1**), $[Cu(^{i}Pr - Me - {}^{s}Bu - amd)_2]_2$ (**2**), $[Cu(^{i}Pr - Me - {}^{t}Bu - amd)_2]_2$ (**3**), Cu(ketoimine-1)) (**4**), Cu(ketoimine-2) (**5**), Cu(diimine-1) (**6**). [4, 5]