

**Initial employment of α -benzoin oxime as a route to high-nuclearity
metal clusters: Decanuclear Cu^{II} complexes with a wheel topology**

Gina C. Vlahopoulou,^a Theocharis C. Stamatatos,^b Vassilis Psycharis,^c Spyros P. Perlepes*^a and George Christou*^b

^a *Department of Chemistry, University of Patras, 265 04 Patras, Greece. E-mail: perlepes@patreas.upatras.gr; Tel: +30 2610 997146*

^b *Department of Chemistry, University of Florida, Gainesville, Florida, 32611-7200, USA. E-mail: christou@chem.ufl.edu; Tel: +1 352 392 8314*

^c *Department of Chemistry, Institute of Materials Science, NCSR "Demokritos", 153 10 Aghia Paraskevi Attikis, Greece.*

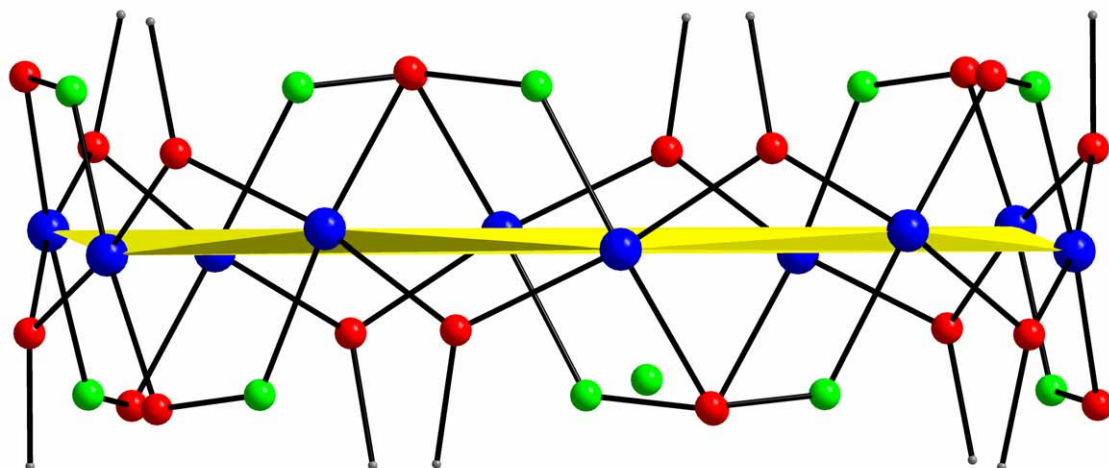


Fig. S1 Side-view emphasizing the puckering on both **1** and **2**. Only the oximate (N-O) and alkoxide (RO⁻) groups of bzo_x²⁻ are shown. Colour code: Cu blue, O red, N green, C grey.

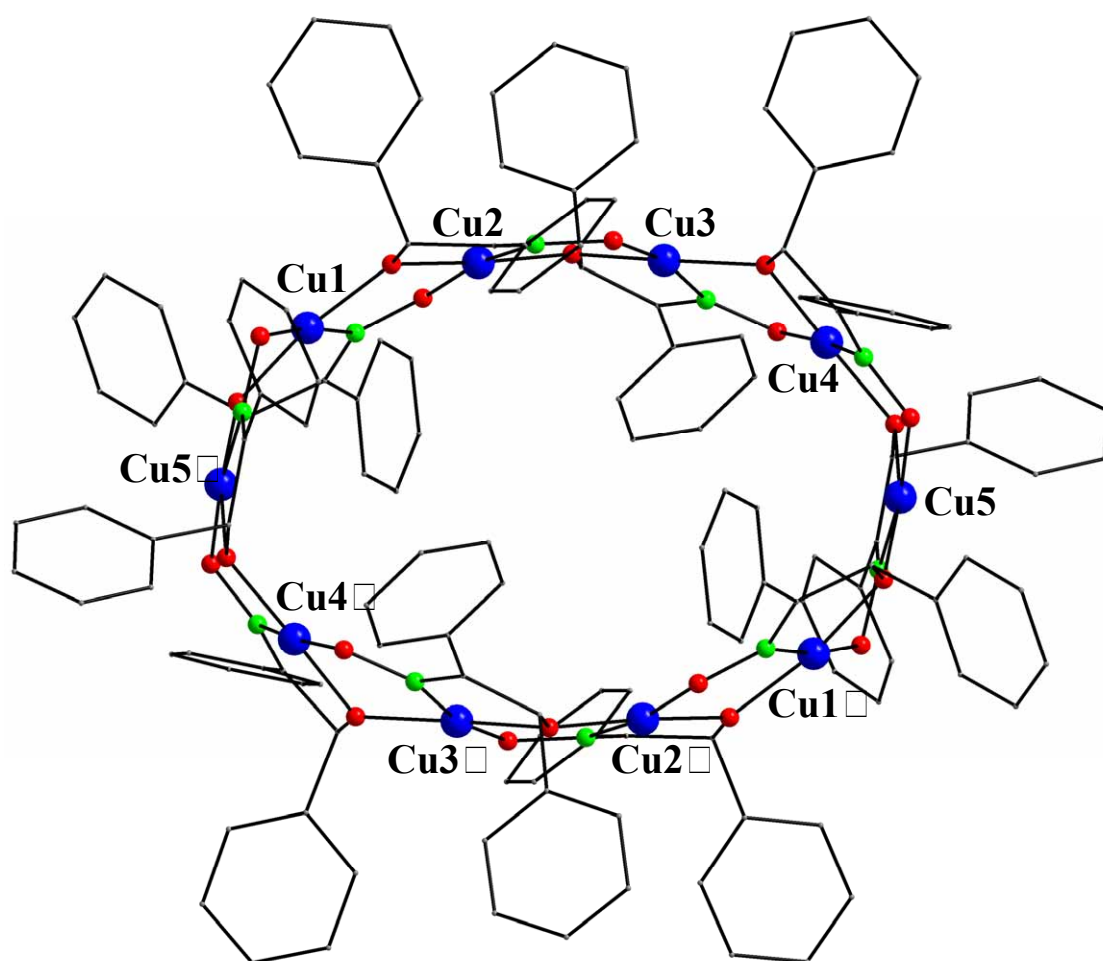


Fig. S2 Molecular structure of **2** with Cu atom labels. Hydrogen atoms have been omitted for clarity. Colour code: Cu blue, O red, N green, C grey.

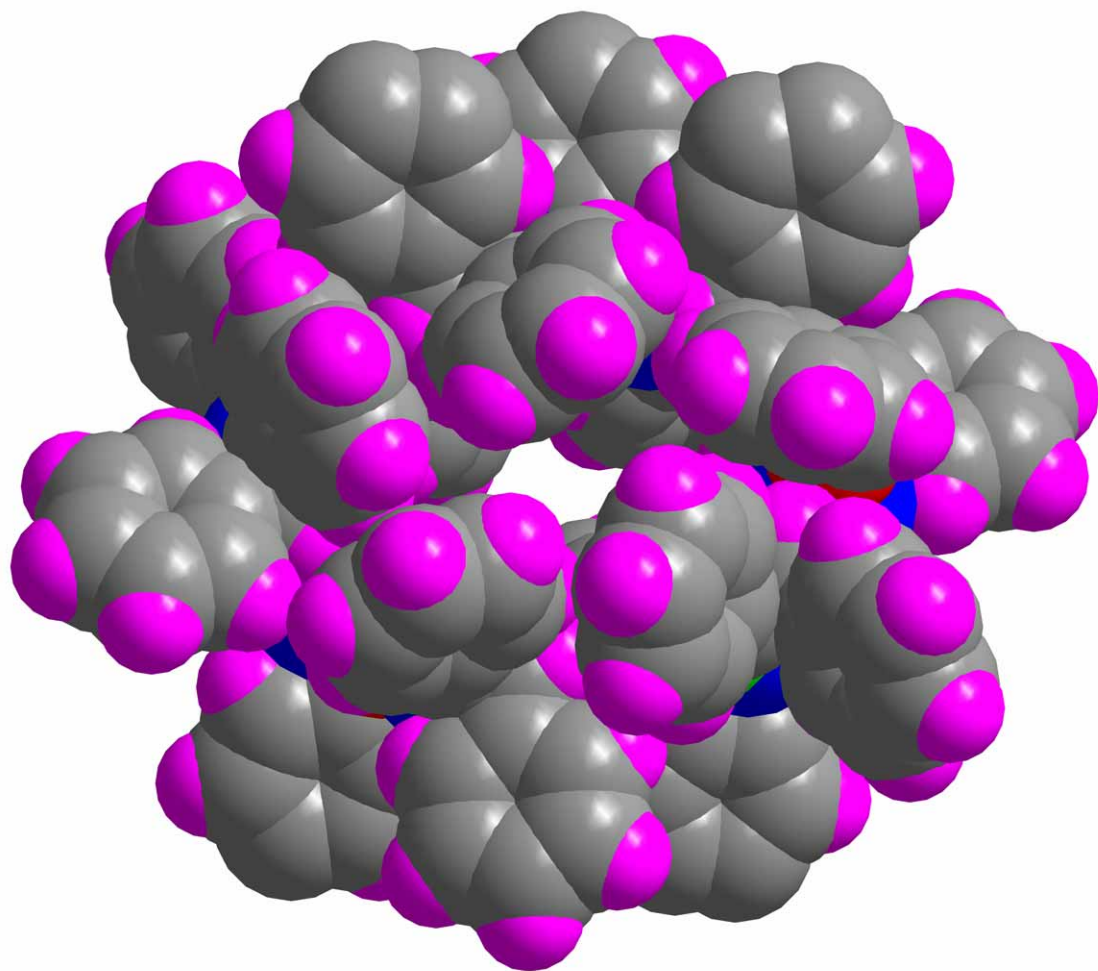


Fig. S3 A space-filling representation of **2**. Colour code: Cu blue, O red, N green, C grey, H purple.