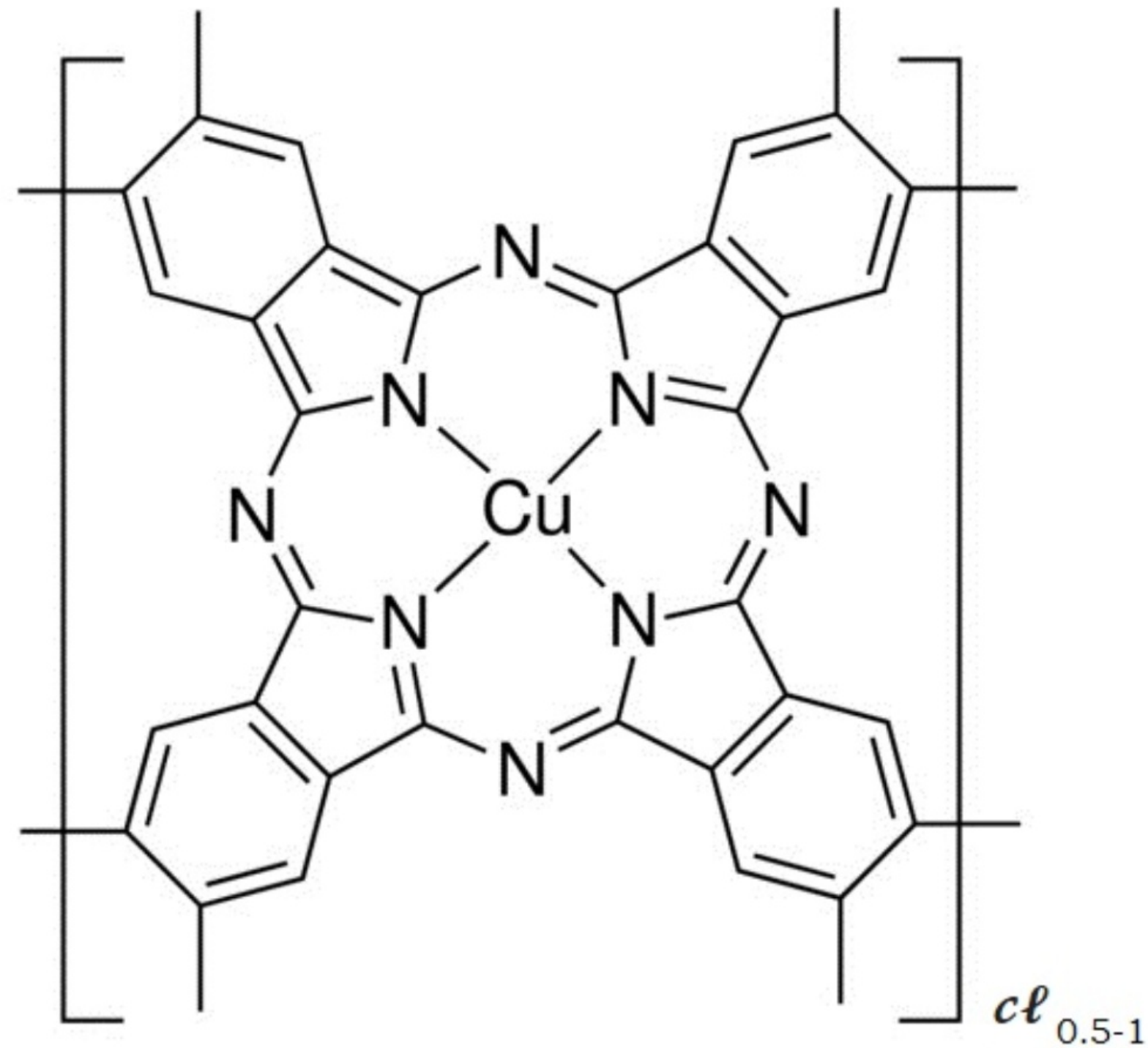


Chlorinated Copper Phthalocyanine



Chlorinated Copper Phthalocyanine

Chemical formula: $CuPc-Cl_{0.5}$

Application: additive to prevent α to β modification, 15:1 & 15:2 thermal stabiliser

Process: Urea-chlorophthalic anhydride process

Through extensive R&D we have observed that addition of partially chlorinated CPC prevents α to β conversion. Through advance analytical chemistry we have determined that substitution at position 4 of the CPC molecule achieves highest efficiency towards the objective of this additive.