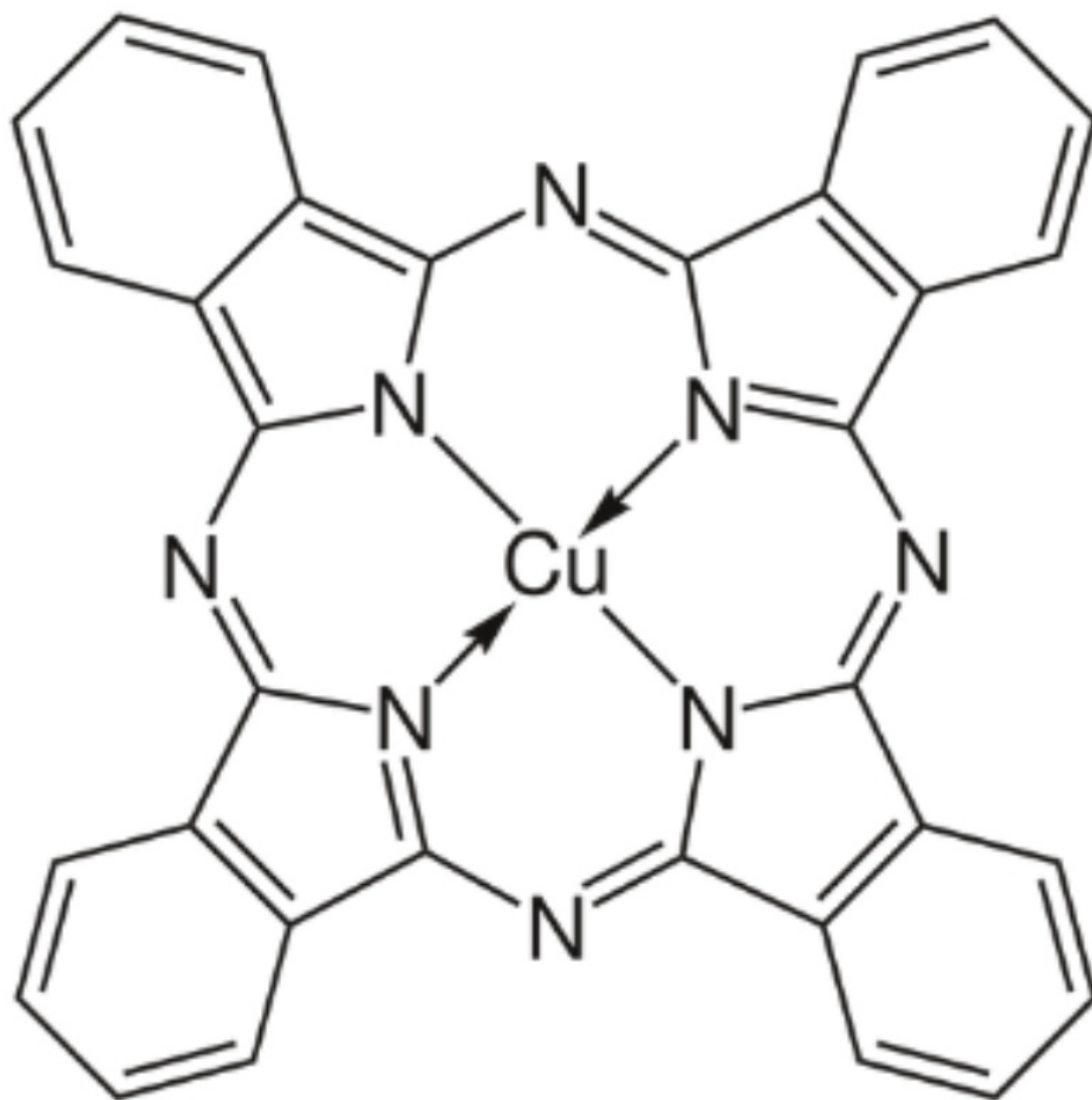


Copper Phthalocyanine



Copper Phthalocyanine

Cas no. : 147 - 14 -8

Chemical Formula: $C_{32}H_{16}N_8Cu$

Molecular Weight: 576

Application: derivatives used as paints, emulsions, inks, additives, dispersions

Chemical properties:

Powder appearance/physical form: Blue/fine powder

Colour: Blue

Bulk Density 280 kg/m³

Water Solubles: negligible

Total Cu Content: 10.5 %

Free Cu Content: 0.7 %

Purity (By Acid, basic Pasting): ≥ 97 %

Process: Urea-Phthalic anhydride process in TCB/ONT solvent

CuPc blue is a complex of copper(II) with the conjugate base of phthalocyanine