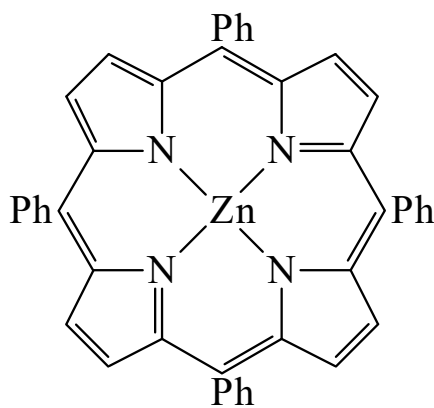




>>Entry Name: (Tetraphenylporphyrinato)zinc

Synonym(s): [5,10,15,20-Tetraphenyl-21*H*,23*H*-porphinato(2-)-*N*²¹,*N*²²,*N*²³,*N*²⁴]zinc, 9Cl. Zinc *meso*-tetraphenylporphyrin



CAS Registry Number: 14074-80-7

Molecular Formula: C₄₄H₂₈N₄Zn

Molecular Weight: 678.122

Accurate Mass: 676.160541

Percentage Composition: C 77.93%; H 4.16%; N 8.26%; Zn 9.64%

Use/Importance: Nmr shift reagent

Physical Description: Purple cryst. (MeOH/Et₂O); magenta soln. in Et₂O. Exhibits fluorescence and low-temp. phosphorescence

Solubility: V. sol. CHCl₃, Py; sol. C₆H₆, Et₂O; sl. sol. EtOAc, Me₂CO; insol. alkanes

Aldrich: 25216-6

Sigma: T7271

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