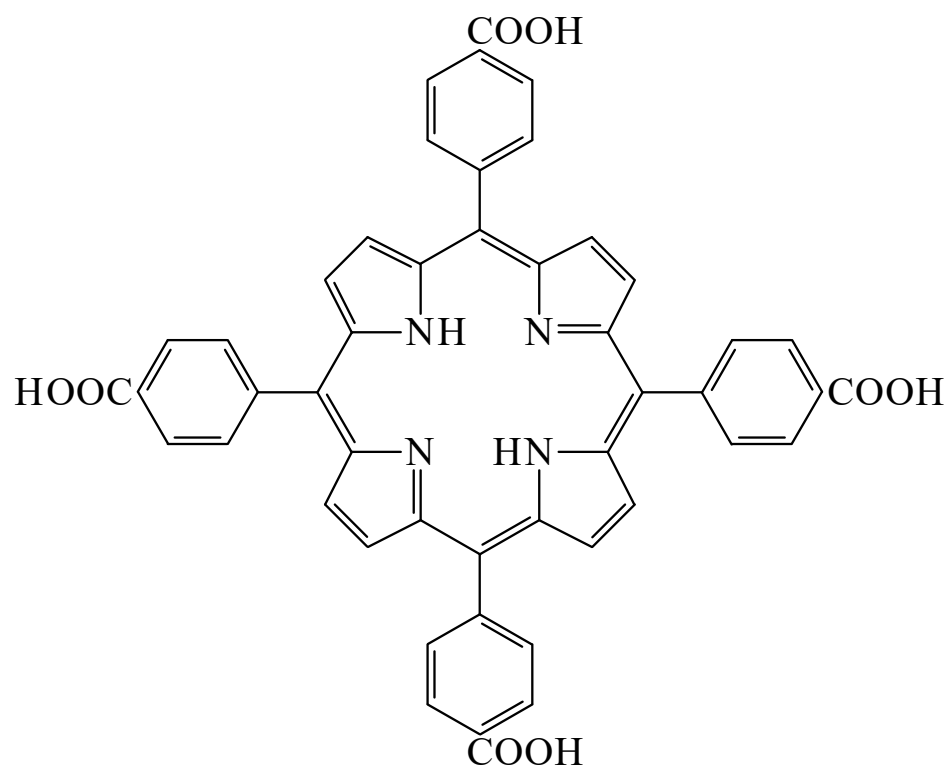




>>Entry Name: 4,4',4'',4'''-(21*H*,23*H*-Porphine-5,10,15,20-tetrayl)tetrakisbenzoic acid, 9Cl

Synonym(s): $\alpha,\beta,\gamma,\delta$ -Tetrakis(4-carboxyphenyl)porphine



CAS Registry Number: 14609-54-2

Molecular Formula: $C_{48}H_{30}N_4O_8$

Molecular Weight: 790.787

Accurate Mass: 790.206366

Percentage Composition: C 72.91%; H 3.82%; N 7.08%; O 16.19%

Use/Importance: Used as a 0.2mM soln. in dil. NaOH for photometric detn. of Mn ($\lambda_{\max}$ 469 nm)

Physical Description: Cryst.

Solubility: Sol. alkalis

Aldrich: 37907-7

Fluka: 81470

References:

Longo, R.F. *et al.*, *J. Het. Chem.*, 1969, **6**, 927, (*synth*)

Ishii, H. *et al.*, *Anal. Chim. Acta*, 1982, **132**, 347, (*detn, Mn*)

Tabata, M. *et al.*, *TrAC, Trends Anal. Chem. (Pers. edn.)*, 1991, **10**, 128, (*rev*)