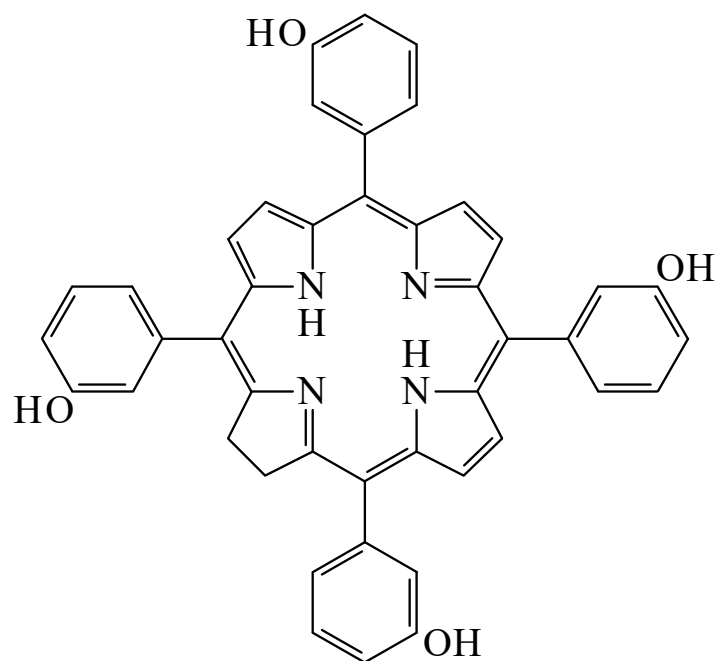




>>Entry Name: **Temoporfin**, BAN, INN, USAN

Synonym(s): 3,3',3'',3'''-(2,3-Dihydro-21*H*,23*H*-porphine-5,10,15,20-tetrayl)tetrakisphenol, 9Cl. 5,10,15,20-Tetrakis(*m*-hydroxyphenyl)chlorin. Foscan. *m*-THPC



CAS Registry Number: 122341-38-2

Molecular Formula: C₄₄H₃₂N₄O₄

Molecular Weight: 680.761

Accurate Mass: 680.242356

Percentage Composition: C 77.63%; H 4.74%; N 8.23%; O 9.40%

Use/Importance: Tumour photosensitiser

Physical Description: Purple solid

Calculated Log P Data: Log P 11.57 (uncertain value) (calc)

References:

Bonnett, R. *et al.*, *Biochem. J.*, 1989, **261**, 277, (*synth, pharmacol, uv, pmr*)

Eur. Pat., 1989, *Efamol Holdings*, 337 601; *CA*, **112**, 216561n, (*synth, use*)

Wang, Q. *et al.*, *Biomed. Chromatogr.*, 1993, **7**, 45, (*hplc*)

Ris, H.B. *et al.*, *Int. J. Cancer*, 1993, **53**, 141; **55**, 245, (*activity*)

Whelpton, R. *et al.*, *Photochem. Photobiol.*, 1995, **61**, 397, (*metab*)