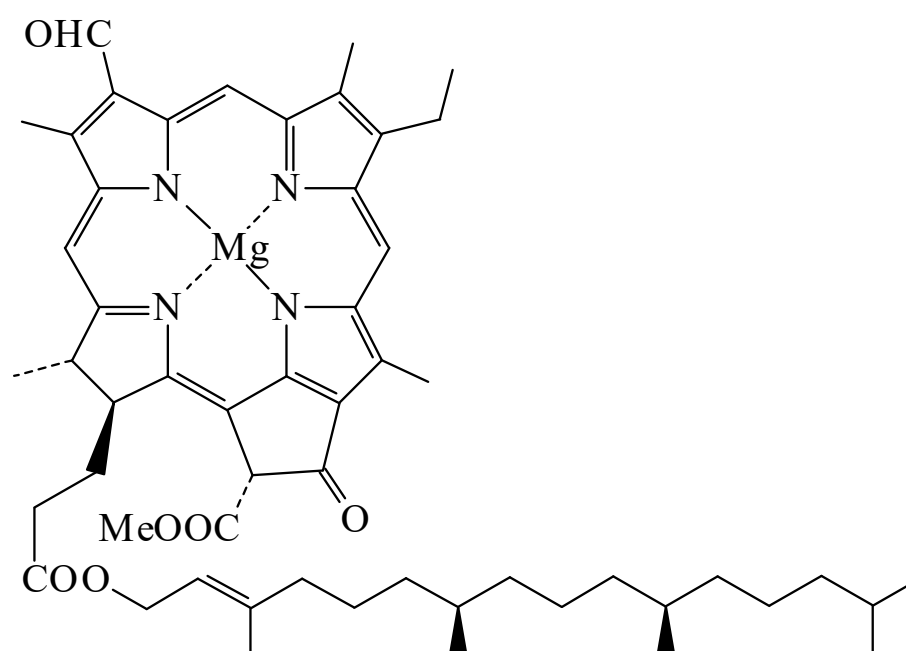




>>Entry Name: Chlorophyll d

ENTRY UNDER REVIEW

Synonym(s): [3,7,11,15-Tetramethyl-2-hexadecenyl-14-ethyl-9-formyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2-)- $N^{23},N^{24},N^{25},N^{26}$] magnesium, 9CI



CAS Registry Number: 519-63-1

Related CAS Registry Numbers(s): 1406-65-1

Molecular Formula: $C_{54}H_{70}MgN_4O_6$

Molecular Weight: 895.475

Accurate Mass: 894.514578

Percentage Composition: C 72.43%; H 7.88%; Mg 2.71%; N 6.26%; O 10.72%

Biological Source: Widely distributed photosynthetic pigment

Other Data: $\lambda_{\max}$ 445, 686 nm (Et_2O)

References:

Chem. Biochem. Plant Pigm., Goodwin, T.W., Ed., Academic Press, London, 1976, (book)

The Porphyrins, Dolphin, D., Ed., Academic Press, N.Y., 1978, (book)

Leeper, F.J., *Nat. Prod. Rep.*, 1985, **2**, 19; 561; 1987, **4**, 441; 1989, **6**, 171, (revs, biosynth)