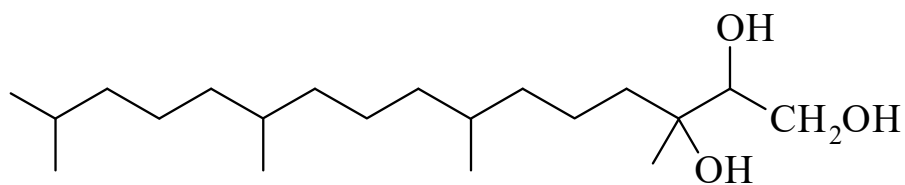




>>Entry Name: 3,7,11,15-Tetramethyl-1,2,3-hexadecanetriol, 9CI

Synonym(s): Phytantriol



CAS Registry Number: 74563-64-7

Molecular Formula: C₂₀H₄₂O₃

Molecular Weight: 330.55

Accurate Mass: 330.313395

Percentage Composition: C 72.67%; H 12.81%; O 14.52%

Source/Synthesis: Moisturiser for cosmetics, e.g. hair conditioners, shampoos, skin creams

Physical Description: Yellow liq.

Boiling Point: Bp_{0.01} 130°

Aldrich: 36402-9

Fluka: 87855

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 286B, (*nmr*)

Ger. Pat., 1963, 1 149 700; *CA*, **59**, 5206f, (*synth, use*)

Japan. Pat., 1986, 61 236 737; *CA*, **106**, 102592u, (*synth*)

Suzuki, S. *et al.*, *Tet. Lett.*, 1986, **27**, 69, (*synth*)