



>>Entry Name: Dotriacontane, 9CI
Synonym(s): Dicetyl. Lacceran. Bicetyl

CAS Registry Number: 544-85-4
Type of Compound Code(s): VA0050
 $\text{H}_3\text{C}(\text{CH}_2)_{30}\text{CH}_3$

Molecular Formula: $\text{C}_{32}\text{H}_{66}$
Molecular Weight: 450.873
Accurate Mass: 450.51645
Percentage Composition: C 85.25%; H 14.75%
Biological Source: Constit. of higher plants, eg. *Bacopa monnieri*, *Mentha aquatica*, *Agave sisalana*
Physical Description: Plates (Et_2O)
Melting Point: Mp 74-75°
Boiling Point: Bp_{1.5} 245°

Aldrich: D22310-7
Fluka: 44260
Sigma: D4634
Supelco: R42-1064

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 8B, (*nmr*)
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 6D, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 8D, (*ir*)
Levene, P.A. *et al.*, *J. Biol. Chem.*, 1915, **20**, 530, (*synth*)
Brown, I. *et al.*, *J.C.S.*, 1960, 2783, (*isol*)
Razafindrazaka, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1963, 1633, (*isol*)