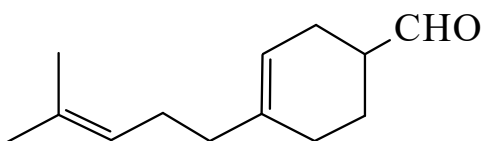




>>Entry Name: 4-(4-Methyl-3-pentenyl)-3-cyclohexene-1-carboxaldehyde, 9CI



CAS Registry Number: 37677-14-8

Molecular Formula: $C_{13}H_{20}O$

Molecular Weight: 192.3

Accurate Mass: 192.151415

Percentage Composition: C 81.20%; H 10.48%; O 8.32%

Use/Importance: Used in perfumes, cosmetic powders, detergents, soaps and flavouring formulations

Boiling Point: $Bp_{1.6}$ 108°

>>Derivative: Semicarbazone

Melting Point: Mp 140-141.5°

References:

Ohloff, G. *et al.*, *Annalen*, 1957, **606**, 100, (*synth*)

Opdyke, D.L.J., *Food Cosmet. Toxicol.*, (Suppl.), 1976, **14**, 803; *CA*, **91**, 216602z, (*rev*)

Ger. Pat., 1978, 2 730 176; *CA*, **88**, 152126a, (*synth*)

U.S. Pat., 1978, 4 068 012; *CA*, **88**, 177629j, (*use*)