



>>Entry Name: 9-Decen-1-ol, 9CI

Synonym(s): Rosalva

CAS Registry Number: 13019-22-2

$\text{H}_2\text{C}=\text{CH}(\text{CH}_2)_7\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{10}\text{H}_{20}\text{O}$

Molecular Weight: 156.267

Accurate Mass: 156.151415

Percentage Composition: C 76.86%; H 12.90%; O 10.24%

Source/Synthesis: Trace constit. of brandy

Use/Importance: Used in perfumery industry, esp. floral soaps

Physical Description: Liq. with fresh rose odour

Boiling Point: Bp_8 108°. $\text{Bp}_{0.01}$ 60°

Refractive Index: n_D^{20} 1.4480

Hazard & Toxicity: Skin irritant

Aldrich: 11835-4

>>Derivative: Ac

CAS Registry Number: 50816-18-7

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}_2$

Molecular Weight: 198.305

Accurate Mass: 198.16198

Percentage Composition: C 72.68%; H 11.18%; O 16.14%

Boiling Point: $\text{Bp}_{0.09}$ 95-97°

Hazard & Toxicity: Skin irritant

>>Derivative: Phenylurethane

Melting Point: Mp 49-50°

References:

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Williams, J.L.R. *et al.*, *J.O.C.*, 1958, **23**, 676, (synth)

Opdyke, D.L.J., *Food Cosmet. Toxicol.*, 1974, **12**, 405, (rev, tox)

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