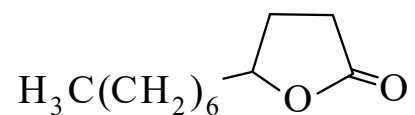




>>Entry Name: 5-Heptyldihydro-2(3H)-furanone, 9CI

ENTRY UNDER REVIEW

Synonym(s):  $\gamma$ -Undecalactone. 5-Heptylbutyrolactone. 5-Hydroxyundecanoic acid  $\gamma$ -lactone. 1,4-Undecanolide. Peach lactone. Persicol. FEMA 3091



CAS Registry Number: 104-67-6

Molecular Formula: C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 184.278

Accurate Mass: 184.14633

Percentage Composition: C 71.70%; H 10.94%; O 17.36%

Biological Source: Present in various plant spp.

Use/Importance: Flavouring agent

Aldrich: W30910-9

Rare Chemicals Library: S35684-0

>>Variant: ( $\pm$ )-form

Molecular Formula: C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 184.278

Accurate Mass: 184.14633

Percentage Composition: C 71.70%; H 10.94%; O 17.36%

Use/Importance: Perfumery and flavouring ingredient, low oral toxicity

Physical Description: Liq. with a strong fruity odour suggestive of peach

Boiling Point: Bp 286°. Bp<sub>1.5</sub> 117-118°

Density: d<sub>25</sub><sup>25</sup> 0.94

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