



Aldrich: W22090-6

>>Derivative: 2-Methylpropyl ester

Synonym(s): 2-Methylpropyl phenylacetate. Isobutyl phenylacetate. Iphaneine. Eglantine. Phenysol. FEMA 2210

CAS Registry Number: 102-13-6

Molecular Formula: C₁₂H₁₆O₂

Molecular Weight: 192.257

Accurate Mass: 192.11503

Percentage Composition: C 74.97%; H 8.39%; O 16.64%

Use/Importance: Used in perfumery and food flavouring

Physical Description: Liq.

Boiling Point: Bp 247°

Density: d 0.98

>>Derivative: Pentyl ester

Synonym(s): Amyl phenylacetate

CAS Registry Number: 5137-52-0

Molecular Formula: C₁₃H₁₈O₂

Molecular Weight: 206.284

Accurate Mass: 206.13068

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Use/Importance: Fragrance compd.

Physical Description: Liq.

Boiling Point: Bp 266-269°

Rare Chemicals Library: S50935-3

>>Derivative: 3-Methylbutyl ester

Synonym(s): 3-Methylbutyl phenylacetate. Isoamyl phenylacetate

CAS Registry Number: 102-19-2

Molecular Formula: C₁₃H₁₈O₂

Molecular Weight: 206.284

Accurate Mass: 206.13068

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Use/Importance: Fragrance raw material

Boiling Point: Bp₃ 103°

>>Derivative: Benzyl ester

Synonym(s): Phenylmethyl benzeneacetate, 9Cl. Benzyl phenylacetate. FEMA 2149

CAS Registry Number: 102-16-9

Molecular Formula: C₁₅H₁₄O₂

Molecular Weight: 226.274

Accurate Mass: 226.09938

Percentage Composition: C 79.62%; H 6.24%; O 14.14%

Use/Importance: Used in perfumery and food flavouring

Physical Description: Liq. with floral odour and honey-like taste

Boiling Point: Bp 318-320°. Bp₄ 165-166°

Density: d¹⁷ 1.0938

Refractive Index: n_D²⁰ 1.5530 n_D²⁰ 1.5580

>>Derivative: Ph ester

CAS Registry Number: 722-01-0

Molecular Formula: C₁₄H₁₂O₂

Molecular Weight: 212.248

Accurate Mass: 212.08373

Percentage Composition: C 79.23%; H 5.70%; O 15.08%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 42°

Aldrich: 44007-8