



Boiling Point: Bp 274.5°
Solubility: Insol. H₂O; sol. org. solvs.
Density: d₄²⁰ 0.98
Refractive Index: n_D²⁰ 1.4298

>> **Derivative:** Di-*tert*-Butyl ester

Synonym(s): Di-*tert*-butyl succinate. *tert*-Butyl succinate

CAS Registry Number: 926-26-1

Molecular Formula: C₁₂H₂₂O₄

Molecular Weight: 230.303

Accurate Mass: 230.15181

Percentage Composition: C 62.58%; H 9.63%; O 27.79%

Use/Importance: Sterically-hindered reagent for use in Stobbe condensations

Melting Point: Mp 36.5°

Boiling Point: Bp₉ 109-110°

>> **Derivative:** Dibenzyl ester

Synonym(s): Dibenzyl succinate. Benzyl succinate

CAS Registry Number: 103-43-5

Molecular Formula: C₁₈H₁₈O₄

Molecular Weight: 298.338

Accurate Mass: 298.12051

Percentage Composition: C 72.47%; H 6.08%; O 21.45%

Melting Point: Mp 49-50°

Boiling Point: Bp₁₄ 238°

Solubility: Insol. H₂O; sol. EtOH, Et₂O, C₆H₆

Rare Chemicals Library: S45645-4

>> **Derivative:** Difluoride

CAS Registry Number: 675-74-1

Molecular Formula: C₄H₄F₂O₂

Molecular Weight: 122.071

Accurate Mass: 122.017936

Percentage Composition: C 39.36%; H 3.30%; F 31.13%; O 26.21%

Boiling Point: Bp 154-156°

Other Data: Poorly descr. in the lit.

>> **Derivative:** Me ester-chloride

CAS Registry Number: 1490-25-1

Molecular Formula: C₅H₇ClO₃

Molecular Weight: 150.561

Accurate Mass: 150.008372

Percentage Composition: C 39.89%; H 4.69%; Cl 23.55%; O 31.88%

Physical Description: Liq.

Boiling Point: Bp₁₈ 92-92°

>> **Derivative:** Et ester-chloride

CAS Registry Number: 14794-31-1

Molecular Formula: C₆H₉ClO₃

Molecular Weight: 164.588

Accurate Mass: 164.024022

Percentage Composition: C 43.79%; H 5.51%; Cl 21.54%; O 29.16%

Physical Description: Liq.

Boiling Point: Bp₁₁ 88-90°

Refractive Index: n_D²⁰ 1.4370

Aldrich: 19070-5