

TRIBENZOYLMETHANE. Claisen, ebenda.	$\begin{array}{c} \text{C} \begin{array}{l} \nearrow \text{C}(\text{OH})\cdot\text{C}_6\text{H}_5 \\ \searrow \text{CO}\cdot\text{C}_6\text{H}_5 \\ \searrow \text{CO}\cdot\text{C}_6\text{H}_5 \end{array} \quad \text{or} \quad \text{CH} \begin{array}{l} \nearrow \text{CO}\cdot\text{C}_6\text{H}_5 \\ \searrow \text{CO}\cdot\text{C}_6\text{H}_5 \\ \searrow \text{CO}\cdot\text{C}_6\text{H}_5 \end{array} \\ \alpha \qquad \qquad \qquad \beta \end{array}$ Solid (before melting) changing to β. Solid, M.P., 222–226°.
MESITYLOXYDOXALESTER. (—Methyl ester and free acid). Claisen, ebenda.	$\begin{array}{c} \text{CO}\cdot\text{CH}:\text{C}(\text{CH}_3)_2 \\ \\ \text{CH}:\text{C}(\text{OH})\cdot\text{COOC}_2\text{H}_5 \\ \alpha \\ \text{M.P., 21–22°} \end{array}$ or $\begin{array}{c} \text{CO}\cdot\text{CH}:\text{C}(\text{CH}_3)_2 \\ \\ \text{CH}_2\cdot\text{CO}\cdot\text{COOC}_2\text{H}_5 \\ \beta \end{array}$ Solid, M.P., 59–60°. B.P., 260–263°.
FORMYLPHENYLACETIC ESTER. Wislicenus, Ann. d. Chem. 201, 147	$\begin{array}{c} \text{C}_6\text{H}_5 \\ \\ \text{COOC}_2\text{H}_5 \quad \text{C}:\text{CH}(\text{OH}) \\ \alpha \end{array}$ Fluid, B.P., 135° b. 15 mm. or $\begin{array}{c} \text{C}_6\text{H}_5 \\ \\ \text{COOC}_2\text{H}_5 \quad \text{CH}\cdot\text{CHO} \\ \beta \end{array}$ Solid, M.P. ca. 70°.
DIOXYPYRIDINDICARBOXYLIC ESTER. Guthzeit, Ann. d. Chem. 285, 35. Ber. d. deutsch. Chem. Ges. 20, 2795.	$\begin{array}{c} \text{COOC}_2\text{H}_5 \\ \\ \text{CH} \begin{array}{c} \nearrow \text{C}:\text{C}(\text{OH}) \\ \searrow \text{C}-\text{C}(\text{OH}) \end{array} \begin{array}{c} \nearrow \\ \searrow \end{array} \text{N} \\ \\ \text{COOC}_2\text{H}_5 \end{array}$ Solid, M.P., 199° or $\begin{array}{c} \text{COOC}_2\text{H}_5 \\ \\ \text{CH} \begin{array}{c} \nearrow \text{CH}-\text{CO} \\ \searrow \text{C}-\text{CO} \end{array} \begin{array}{c} \nearrow \\ \searrow \end{array} \text{NH} \\ \\ \text{COOC}_2\text{H}_5 \end{array}$ Solid, M.P., 179°
DIACETILSUCCINIC ESTER. Similarly, Dibenzoylsuccinic ester. Knorr, Ann. d. Chem. 293, 70.	$\begin{array}{c} \text{CH}_3\cdot\text{C}(\text{OH}):\text{C}\cdot\text{COOC}_2\text{H}_5 \\ \\ \text{CH}_3\cdot\text{C}(\text{OH}):\text{C}\cdot\text{COOC}_2\text{H}_5 \\ \alpha \\ \text{Fluid} \end{array}$ or $\begin{array}{c} \text{CH}_3\cdot\text{CO}\cdot\text{CH}\cdot\text{COOC}_2\text{H}_5 \\ \\ \text{CH}_3\cdot\text{CO}\cdot\text{CH}\cdot\text{COOC}_2\text{H}_5 \\ \beta \end{array}$ Solid { β M.P., 88°. γ M.P., 68°.