Percentage Composition: C 72.24%; H 10.91%; N 16.85%
Physical Description: Cryst.
Melting Point: Mp 15-16°
Boiling Point: Bp 105-106°
Hazard & Toxicity: Highly flammable, fl. p. 21°
Aldrich: T7200-1
Fluka: 80930

>>**Derivative:** Anhydride
Synonym(s): Pivalic anhydride

CAS Registry Number: 1538-75-6
Type of Compound Code(s): PS7600 PG5475
Molecular Formula: $C_{10}H_{18}O_3$
Molecular Weight: 186.25
Accurate Mass: 186.125595
Percentage Composition: C 64.49%; H 9.74%; O 25.77%
Use/Importance: Derivatisation reagent used in gc anal. of thyroid hormones
Boiling Point: Bp_{93} 124°. Bp_{12} 78°
Refractive Index: n_D^{20} 1.4089
Aldrich: 14350-2
Fluka: 80903
Sigma: T1389

>>**Derivative:** Mixed anhydride with formic acid

CAS Registry Number: 10535-67-8
Molecular Formula: $C_6H_{10}O_3$
Molecular Weight: 130.143
Accurate Mass: 130.062995
Percentage Composition: C 55.37%; H 7.74%; O 36.88%
Use/Importance: *N*-Formylating reagent
Physical Description: Liq.

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