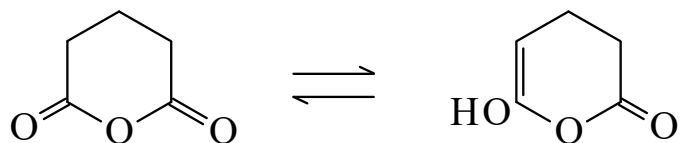




>>Entry Name: Dihydro-2H-pyran-2,6(3H)-dione, 9CI

Synonym(s): 3,4-Dihydro-6-hydroxy-2H-pyran-2-one. Glutaric anhydride



CAS Registry Number: 108-55-4

Molecular Formula: C₅H₆O₃

Molecular Weight: 114.101

Accurate Mass: 114.031695

Percentage Composition: C 52.63%; H 5.30%; O 42.07%

Use/Importance: Intermed. for electrophotographic copolymers and adhesive formulations

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 55-57°

Boiling Point: Bp₁₀ 150°

Other Data: Moisture-sensitive

Hazard & Toxicity: Irritant. LD₅₀ (rat, orl) 4460 mg/kg. LD₅₀ (rbt, skn) 1780 mg/kg

Aldrich: G380-6

Fluka: 49670

Rare Chemicals Library: S42703-9

Sigma: G8136

References:

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