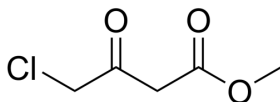


Certificate of Analysis

Product Name: Methyl 4-chloro-3-oxobutanoate
Cat. No.: CS-0044248
CAS No.: 32807-28-6
Batch No.: Lc1014068
Chemical Name: Butanoic acid, 4-chloro-3-oxo-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₇ClO₃
Molecular Weight: 150.56
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 96.86%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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