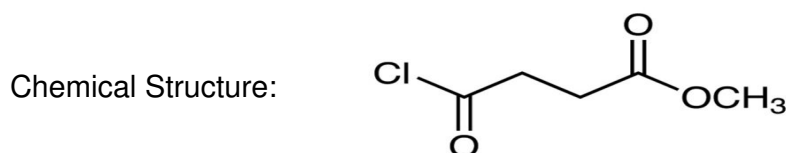


Certificate of Analysis

Product Name: Methyl 4-chloro-4-oxobutyrates
Cat. No.: GD16468
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1490-25-1
Molecular Formula: CH₃OCOCH₂CH₂COCl
Molecular Weight: 150.56
Storage: 2-8°C argon filling



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >97.00%
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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