

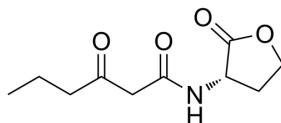
N-(3-Oxohexanoyl)-L-homoserine lactone

Cat. No.: HY-W008806
CAS No.: 143537-62-6
Batch No.: 248733
Chemical Name: Hexanamide, 3-oxo-N-[(3S)-tetrahydro-2-oxo-3-furanyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₁₅NO₄
Molecular Weight: 213.23
Storage: Powder -20°C 3 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.93%
Optical Rotation: 5.7° (C=0.75g/100mL CHCl₃)
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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