Certificate of Analysis

Br-C10-methyl ester

Cat. No.: HY-130641 CAS No.: 6287-90-7 Batch No.: 115785

Chemical Name: Undecanoic acid, 11-bromo-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{23}BrO_2$ Molecular Weight: 279.21

Storage: Pure form -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Colorless to light yellow (<12.5°C Solid,>12.5°C Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (GC): 97.87%

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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