Certificate of Analysis

L-Methionine-DL-sulfoximine

Cat. No.: HY-B1692 CAS No.: 15985-39-4 Batch No.: 396904

Chemical Name: Butanoic acid, 2-amino-4-(S-methylsulfonimidoyl)-, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_{12}N_2O_3S$ Molecular Weight: 180.23

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Optical Rotation: 19.03°(C=1.05g/100ml 1molHCL)

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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