

## **Certificate of Analysis**

## DL-Buthionine-(S,R)-sulfoximine

Cat. No.: HY-106376
CAS No.: 5072-26-4
Batch No.: 409457

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

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{18}N_2O_3S$ Molecular Weight: 222.31

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.67%

**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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