Certificate of Analysis

Dimethyl 3,3'-disulfanediyl(2R,2'R)-bis(2-aminopropanoate) dihydrochloride

Cat. No.: HY-W009117
CAS No.: 32854-09-4
Batch No.: 149608

Chemical Name: L-Cystine, 1,1'-dimethyl ester, hydrochloride (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{18}Cl_2N_2O_4S_2$

Molecular Weight: 341.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

0 NH₂ S S NH₂

HCI HCI

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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