Certificate of Analysis

Azidoethyl-SS-ethylazide

Cat. No.: HY-140105 CAS No.: 352305-38-5 Batch No.: 252379

Chemical Name: Disulfide, bis(2-azidoethyl)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_8N_6S_2$ Molecular Weight: 204.28

Storage: Pure form -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

$$^{-N_{\stackrel{>}{\sim}}N_{\stackrel{>}{\sim}N}} \wedge \searrow^{S_{\stackrel{\sim}{\sim}S}} \wedge \searrow^{N_{\stackrel{\sim}{\sim}N_{\stackrel{\sim}{\sim}N}}}$$

ANALYTICAL DATA

Colorless to light yellow (Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure Consistent with structure MS:

Purity (HPLC): 98.79%

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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