## **Certificate of Analysis**

## **AE-ITU** (dihydrobromide)

Cat. No.: HY-131929
CAS No.: 56-10-0
Batch No.: 367380

Chemical Name: Carbamimidothioic acid, 2-aminoethyl ester, hydrobromide (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_3H_{11}Br_2N_3S$ Molecular Weight: 281.01

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

$$H_2N$$
 $S$ 
 $NH_2$ 
 $H-Br$   $H-Br$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> 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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