

## Certificate of Analysis

## 2-Amino-1,3-bis(carboxylethoxy)propane (hydrochloride)

Cat. No.:	HY-23212A
CAS No.:	2421153-68-4
Batch No.:	271987
Chemical Name:	Propanoic acid, 3,3'-[(2-amino-1,3-propanediyl)bis(oxy)]bis-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>9</sub> H <sub>18</sub> CINO <sub>6</sub>
Molecular Weight:	271.70
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:** 

HO NH2 OH

## **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
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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