

## **Certificate of Analysis**

## N1,N12-Diacetylspermine (dihydrochloride)

Cat. No.: HY-113374A
CAS No.: 77928-71-3
Batch No.: 123963

Chemical Name: Acetamide, N,N'-[1,4-butanediylbis(imino-3,1-propanediyl)]bis-, dihydrochloride (9CI)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{32}Cl_2N_4O_2$ 

Molecular Weight: 359.34

Storage: -20°C, sealed storage, away from moisture

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

**Chemical Structure:** 

$$\bigcup_{H-Cl}^{O} \bigcup_{H-Cl}^{H-Cl}$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

**Purity:** ≥95.0%

**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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