

## **Certificate of Analysis**

## Pipecuronium (bromide)

Cat. No.: HY-B0743A CAS No.: 52212-02-9 Batch No.: 248273

**Chemical Name:** Piperazinium,  $4,4'-[(2\beta,3\alpha,5\alpha,16\beta,17\beta)-3,17-bis(acetyloxy)]$  and rost an e-2,16-diyl] bis[1,1-dimethyl]

-, bromide (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{35}H_{62}Br_2N_4O_4$ 

**Molecular Weight:** 762.70

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:** 

## ANALYTICAL DATA

Off-white to yellow (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.71%

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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