## **Certificate of Analysis**

## 6-Maleimidocaproic acid sulfo-NHS (sodium)

Cat. No.: HY-136158A CAS No.: 215312-86-0 Batch No.: 275609

**Chemical Name:** 1H-Pyrrole-1-hexanoic acid, 2,5-dihydro-2,5-dioxo-, 2,5-dioxo-3-sulfo-1-pyrrolidinyl ester, sodiu

m salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{14}\mathsf{H}_{15}\mathsf{N}_2\mathsf{NaO}_9\mathsf{S}$ 

**Molecular Weight:** 410.33

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

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

Purity (LCMS): 98.91%

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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