Certificate of Analysis

p-Toluenesulfonic acid-d₇ (monohydrate)

Cat. No.: HY-W015175S CAS No.: 1219795-22-8

Batch No.: 436230

Chemical Name: p-Toluenesulfonic acid-d7 (monohydrate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_3D_7O_4S$ Molecular Weight: 197.26

Storage: -20°C, protect from light, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

 H_2O

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.76% **Isotopic Enrichment:** 99.5%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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