## **Certificate of Analysis**

## 5'-O-DMT-3'-O-TBDMS-Ac-rC

Cat. No.: HY-138612 CAS No.: 123956-65-0 Batch No.: 102389

**Chemical Name:** Cytidine, N-acetyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[(1,1-dimethylethyl)dimethyl

silyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{38}\mathsf{H}_{47}\mathsf{N}_3\mathsf{O}_8\mathsf{Si}$ 

**Molecular Weight:** 701.88

4°C, protect from light Storage:

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

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

Purity (HPLC): 99.18%

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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