## **Certificate of Analysis**

## Ciclesonide

Cat. No.: HY-B0625 126544-47-6 CAS No .: Batch No.: 97522

**Chemical Name:** Pregna-1,4-diene-3,20-dione, 16,17-[[(R)-cyclohexylmethylene]bis(oxy)]-11-hydroxy-21-(2-meth

yl-1-oxopropoxy)-,  $(11\beta,16\alpha)$ -

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{32}H_{44}O_{7}$ **Molecular Weight:** 540.69

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

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

Purity (LCMS): 99.89%

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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