Certificate of Analysis

Fluticasone (propionate)

Cat. No.: HY-B0154 CAS No.: 80474-14-2 Batch No.: 14702

Chemical Name: Androsta-1,4-diene-17-carbothioic acid, 6,9-difluoro-11-hydroxy-16-methyl-3-oxo-17-(1-oxopro

poxy)-, S-(fluoromethyl) ester, $(6\alpha,11\beta,16\alpha,17\alpha)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{31}F_3O_5S$ **Molecular Weight:** 500.57

Storage: Powder 3 years -20°C

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.97%

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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