Certificate of Analysis

Mometasone

Cat. No.: HY-B0629
CAS No.: 105102-22-5
Batch No.: 267206

Chemical Name: Pregna-1,4-diene-3,20-dione, 9,21-dichloro-11,17-dihydroxy-16-methyl-, (11β,16α)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{28}Cl_2O_4$ Molecular Weight: 427.36

Storage: 4°C, protect from light

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.13%

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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