Certificate of Analysis

Fluocinolone (Acetonide)

Cat. No.: HY-B0415

CAS No.: 67-73-2

Batch No.: 46442

Chemical Name: Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-, (6α,11β,16α)-

PHYSICAL AND CHEMICAL PROPERTIES

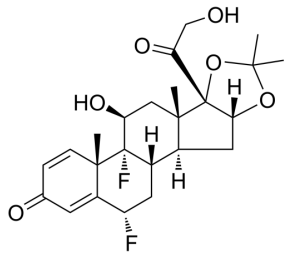
Molecular Formula: $C_{24}H_{30}F_2O_6$

Molecular Weight: **452.49**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	2 years
	-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): **99.59%**

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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