



Certificate of Analysis

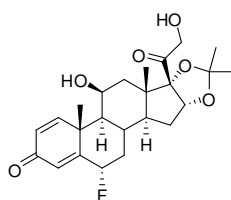
Axon Catalogue ID: 1429 **Batch Number:** 1

Product Name: Flunisolid

Alternative Name(s): N.A.

IUPAC Name: (4aR,4bS,5S,6aS,8R,9S,10aS,12S)-12-Fluoro-5-hydroxy-6b-(2-hydroxy-acetyl)-4a,6a,8,8-tetramethyl-4a,4b,5,6,6a,6b,9a,10,10a,10b,11,12-dodecahydro-7,9-dioxapentaleno[2,1-a]phenanthren-2-one

Structure:



Amount:

CAS number(s): 3385-03-3

Molecular Formula: C₂₄H₃₁FO₆ **Molecular Weight:** 434.50

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Appearance: White solid **Observed mp:** ND

TLC (R_f): 0.15 Hex/EtOAc (1:1)

Chemical Purity: 98.7%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 66.34, H 7.19, N -; Found: C ND, H ND, N ND

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 6-1-2023

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only