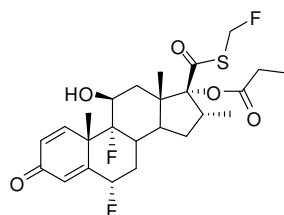




Certificate of Analysis

Axon Catalogue ID: 1404 **Batch Number:** 2
Product Name: Fluticasone propionate
Alternative Name(s): N.A.
IUPAC Name: Propionic acid (6S,9R,10S,11S,13S,16R,17R)-6,9-difluoro-17-fluoromethylsulfanylcarbonyl-11-hydroxy-10,13,

Structure:



Amount:

CAS number(s): 80474-14-2
Molecular Formula: C₂₅H₃₁F₃O₅ **Molecular Weight:** 500.57
Batch Molecular Formula: C₂₅H₃₁F₃O₅ **Batch Molecular Weight:** 500.57
Appearance: White solid **Observed mp:** 288 °C (decomp)
TLC (R_f): 0.49 Hexane/EtOAc (1:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	50.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 11-09-2017

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