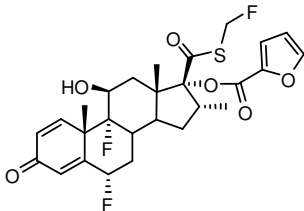


Certificate of Analysis

Axon Catalogue ID:	1172	Batch Number:	3	
Product Name:	Fluticasone furoate			
Alternative Name(s):	GW 685698X			
IUPAC Name:	(6S,9R,10S,11S,13S,16R,17R)-6,9-Difluoro-17-((fluoromethylthio)carbonyl)-11-hydroxy-10,13,16-trimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl furan-2-carboxylate			
Structure:			Amount:	
CAS number(s):	397864-44-7			
Molecular Formula:	C ₂₇ H ₂₉ F ₃ O ₆ S	Molecular Weight:	538.58	
Batch Molecular Formula:	C ₂₇ H ₂₉ F ₃ O ₆ S	Batch Molecular Weight:	538.58	
Appearance:	White solid	Observed mp:	>290 °C (decomp)	
TLC (R_f):	0.4	Hex/EtOAc (1:1)		
Chemical Purity:	98.7%			
Optical Purity (ee):	N.A.			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 60.21, H 5.43, N -; Found: C 60.01, H 5.23, N -			
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	48.0	89.1	
	EtOH	8.4	15.6	
Remarks:				
QC Date:	30-11-2018			

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