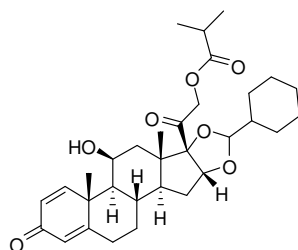




Certificate of Analysis

Axon Catalogue ID: 1426 **Batch Number:** 1
Product Name: Ciclesonide
Alternative Name(s): N.A.
IUPAC Name: Isobutyric acid 2-((4aR,4bS,5S,6aS,6bS,9aR,10aS,10bS)-8-cyclohexyl-5-hydroxy-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,9a,10,10a,10b,11,12-dodecahydro-7,9-dioxo-pentaleno[2,1-

Structure:



Amount:

CAS number(s): 126544-47-6
Molecular Formula: C₃₂H₄₄O₇ **Molecular Weight:** 540.69
Batch Molecular Formula: C₃₂H₄₄O₇ **Batch Molecular Weight:** 540.69
Appearance: White solid **Observed mp:** 203 - 213 °C
TLC (R_f): 0.6 Hex/EtOAc (1:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.08, H 8.20, N -; Found: C 71.20, H 8.36, N -
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	54.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 27-01-2017

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