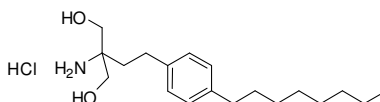




Certificate of Analysis

Axon Catalogue ID: 1485 **Batch Number:** 1
Product Name: Fingolimod
Alternative Name(s): FTY 720
IUPAC Name: 2-Amino-2-(4-octylphenethyl)propane-1,3-diol hydrochloride

Structure:



Amount:

CAS number(s): 162359-55-9 (parent), 162359-56-0 (HCl (1:1))
Molecular Formula: C₁₉H₃₃NO₂.HCl **Molecular Weight:** 343.93
Batch Molecular Formula: C₁₉H₃₃NO₂.HCl **Batch Molecular Weight:** 343.93
Appearance: Off-white solid **Observed mp:** 203 °C (decomp)
TLC (R_f): N.A. N.A.
Chemical Purity: 98%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.35, H 9.96, N 4.07; 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	20.1	58.4	
	EtOH			Not Tested

Remarks:

QC Date: 26-11-2020

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