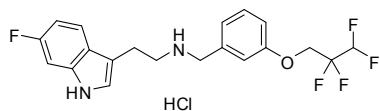




Certificate of Analysis

Axon Catalogue ID: 2144 **Batch Number:** 1
Product Name: Lu AE58054 hydrochloride
Alternative Name(s): Idalopirdine HCl
IUPAC Name: 2-(6-Fluoro-1H-indol-2-yl)-N-(3-(2,2,3,3-tetrafluoropropoxy)benzyl)ethanamine hydrochloride

Structure:



Amount:

CAS number: 467458-02-2 **MW:** 434.83
Batch Molecular Formula: C₂₀H₁₉F₅N₂O.HCl **Batch MW:** 434.83
Appearance: White solid **Observed mp:** 170.4 - 171.3 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 100.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	2.4	5.5	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-07-2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only