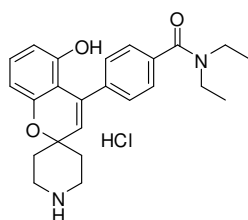




Certificate of Analysis

Axon Catalogue ID: 1751 **Batch Number:** 1
Product Name: ADL 5859
Alternative Name(s): N.A.
IUPAC Name: N,N-Diethyl-4-(5-hydroxyspiro[chromene-2,4'-piperidine]-4-yl)benzamide hydrochloride

Structure:



Amount:

CAS number(s): 850305-06-5 (parent), 850173-95-4 (HCl (1:1))
Molecular Formula: C₂₄H₂₈N₂O₃.HCl **Molecular Weight:** 428.95
Batch Molecular Formula: C₂₄H₂₈N₂O₃.HCl **Batch Molecular Weight:** 428.95
Appearance: White solid **Observed mp:** >210°C (decomp)
TLC (R_f): 0.1 DCM/ MeOH/NH₃ (9:1:0.01)
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.20, H 6.81, N 6.53; Found: C ND, H ND, N ND
Storage Conditions: Desiccate 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	42.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 31-01-2019

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