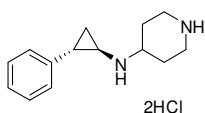


Certificate of Analysis

Axon Catalogue ID: 2375 **Batch Number:** 1
Product Name: GSK-LSD1
Alternative Name(s): N.A.
IUPAC Name: rel-N-((1R,2S)-2-Phenylcyclopropyl)piperidin-4-amine dihydrochloride

Structure:



Amount:

CAS number(s): 1431368-48-7 (parent), 2102933-95-7 (HCl (1:2))
Molecular Formula: C₁₄H₂₀N₂.2HCl **Molecular Weight:** 289.24
Batch Molecular Formula: C₁₄H₂₀N₂.2HCl **Batch Molecular Weight:** 289.24
Appearance: White solid **Observed mp:** >195 °C (decomp)
TLC (R_f): 0.5 t-BuOH/H₂O/AcOH (3:1:1)
Chemical Purity: >99%
Optical Purity (ee): Mixture of trans-diastereomers
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.13, H 7.67, N 9.69, Cl 24.51; Found: C 58.14, H 8.07, N 9.49, Cl ND
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	28.9	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	28.9	>100 mM	
	EtOH			Not Tested

Remarks: Mixture of trans-diastereomers

QC Date: 1-4-2020

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