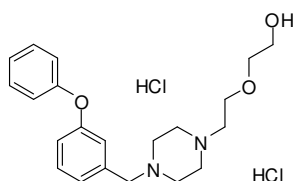




Certificate of Analysis

Axon Catalogue ID: 2861 **Batch Number:** 1
Product Name: ZK 756326 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 2-(2-(4-(3-Phenoxybenzyl)piperazin-1-yl)ethoxy)ethanol dihydrochloride

Structure:



Amount:

CAS number(s): 874911-96-3 (parent), 1780259-94-0 (HCl (1:2))
Molecular Formula: C₂₁H₂₈N₂O₃·2HCl **Molecular Weight:** 429.38
Batch Molecular Formula: C₂₁H₂₈N₂O₃·2HCl·0.5H₂O **Batch Molecular Weight:** 438.39
Appearance: White solid **Observed mp:** 246.8 - 247.1 °C
TLC (R_f): 0.37 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.53, H 7.13, N 6.39; Found: C 57.55, H 6.83, N 6.47
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	43.8	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	14.7	33.5	
	EtOH			Not Tested

Remarks:

QC Date: 30-05-2018

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