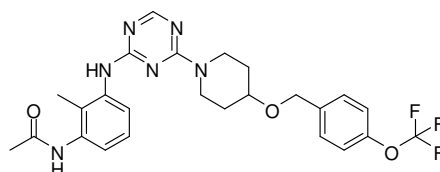




Certificate of Analysis

Axon Catalogue ID: 1780 **Batch Number:** 1
Product Name: Nav1.7 Blocker 52
Alternative Name(s): Compound 52
IUPAC Name: N-(2-methyl-3-(4-(4-(4-(trifluoromethoxy)benzyloxy)piperidin-1-yl)-1,3,5-triazin-2-ylamino)phenyl)acetamide

Structure:



Amount:

CAS number(s): 1211866-85-1
Molecular Formula: C₂₅H₂₇F₃N₆O₃ **Molecular Weight:** 516.52
Batch Molecular Formula: C₂₅H₂₇F₃N₆O₃ **Batch Molecular Weight:** 516.52
Appearance: White solid **Observed mp:** 198.3 - 199.9 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.13, H 5.27, N 16.27; 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	34.0	65.8	
	EtOH			Not Tested

Remarks:

QC Date: 13-06-2018

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