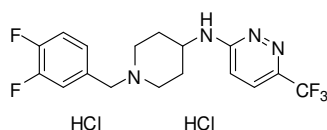




Certificate of Analysis

Axon Catalogue ID: 1802 **Batch Number:** 1
Product Name: JNJ 37822681 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: N-(1-(3,4-Difluorobenzyl)piperidin-4-yl)-6-(trifluoromethyl)pyridazin-3-amine

Structure:



Amount:

CAS number(s): 935776-74-2
Molecular Formula: C₁₇H₁₇F₅N₄·2HCl **Molecular Weight:** 445.26
Batch Molecular Formula: C₁₇H₁₇F₅N₄·2HCl **Batch Molecular Weight:** 445.26
Appearance: White solid **Observed mp:** >260 °C
TLC (R_f): 0.47 DCM/MeOH/NH₃ (20:1:0.01)
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 45.86, H 4.30, N 12.58, F 21.33; Found: C 45.60, H 4.33, N 12.57, F ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		18.4	41.3
0.1N NaOH (aq)				Not Tested
0.1N HCl (aq)				Not Tested
DMSO		28.0	62.9	
EtOH				Not Tested

Remarks:

QC Date: 03-10-2019

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