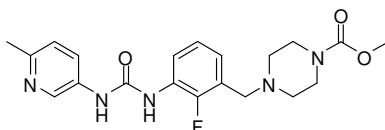




Certificate of Analysis

Axon Catalogue ID: 1835 **Batch Number:** 1
Product Name: CK 1827452
Alternative Name(s): Omecamtiv Mecarbil; CK-452
IUPAC Name: Methyl 4-(2-fluoro-3-(3-(6-methylpyridin-3-yl)ureido)benzyl)piperazine-1-carboxylate

Structure:



Amount:

CAS number(s): 873697-71-3
Molecular Formula: C₂₀H₂₄FN₅O₃ **Molecular Weight:** 401.43
Batch Molecular Formula: C₂₀H₂₄FN₅O₃ **Batch Molecular Weight:** 401.43
Appearance: White solid **Observed mp:** 181.5 - 183.1 °C
TLC (R_f): 0.6 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 59.84, H 6.03, N 17.45; 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	26.0	64.8	
	EtOH			Not Tested

Remarks:

QC Date: 28-05-2018

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