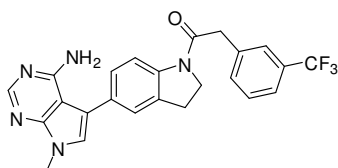




Certificate of Analysis

Axon Catalogue ID: 2233 **Batch Number:** 1
Product Name: GSK 2606414
Alternative Name(s): N.A.
IUPAC Name: 1-(5-(4-Amino-7-methyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)indolin-1-yl)-2-(3-(trifluoromethyl)phenyl)ethanone

Structure:



Amount:

CAS number(s): 1337531-36-8
Molecular Formula: C₂₄H₂₀F₃N₅O **Molecular Weight:** 451.44
Batch Molecular Formula: C₂₄H₂₀F₃N₅O.0.5H₂O **Batch Molecular Weight:** 460.45
Appearance: White solid **Observed mp:** 180 - 182 °C
TLC (R_f): 0.65 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.60, H 4.60, N 15.21; Found: C 62.64, H 4.06, N 15.17
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	46.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 28-01-2019

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