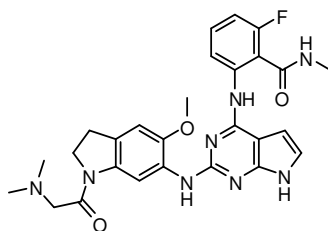


Certificate of Analysis

Axon Catalogue ID: 2267 **Batch Number:** 1
Product Name: GSK 1838705A
Alternative Name(s): GSK 1838705
IUPAC Name: 2-(2-(1-(2-(Dimethylamino)acetyl)-5-methoxyindolin-6-ylamino)-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-6-fluoro-N-methylbenzamide

Structure:



Amount:

CAS number(s): 1116235-97-2
Molecular Formula: C₂₇H₂₉FN₈O₃ **Molecular Weight:** 532.57
Batch Molecular Formula: C₂₇H₂₉FN₈O₃·1.5H₂O **Batch Molecular Weight:** 559.59
Appearance: Off-white solid **Observed mp:** 160 °C
TLC (R_f): 0.29 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.95, H 5.76, N 20.02; Found: C 57.61, H 5.57, N 20.04
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	56.0	>100 mM	
	EtOH			Not Tested

Remarks: CAS [1116236-05-5] for hydrate (1:1)

QC Date: 12-08-2019

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