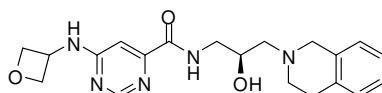




Certificate of Analysis

Axon Catalogue ID: 2831 **Batch Number:** 1
Product Name: EPZ 015666
Alternative Name(s): GSK 3235025
IUPAC Name: (S)-N-(3-(3,4-Dihydroisoquinolin-2(1H)-yl)-2-hydroxypropyl)-6-(oxetan-3-ylamino)pyrimidine-4-carboxamide

Structure:



Amount:

CAS number(s): 1616391-65-1
Molecular Formula: C₂₀H₂₅N₅O₃ **Molecular Weight:** 383.44
Batch Molecular Formula: C₂₀H₂₅N₅O₃·0.4H₂O **Batch Molecular Weight:** 390.65
Appearance: White solid **Observed mp:** 119 - 123.5°C
TLC (R_f): 0.56 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): 99%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.49, H 6.66, N 17.93; Found: C 61.35, H 6.53, N 18.01
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)	39.1	>100 mM	
	DMSO	39.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-02-2018

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