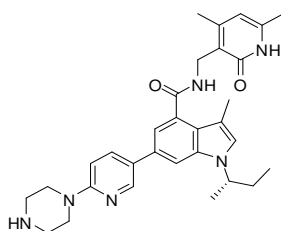




Certificate of Analysis

Axon Catalogue ID: 2140 **Batch Number:** 3
Product Name: GSK 126
Alternative Name(s): GSK2816126; GSK2816126A
IUPAC Name: (S)-1-sec-Butyl-N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3-methyl-6-(6-(piperazin-1-yl)pyridin-3-yl)-1H-indole-4-carboxamide

Structure:



Amount:

CAS number(s): 1346574-57-9
Molecular Formula: C₃₁H₃₈N₆O₂ **Molecular Weight:** 526.67
Batch Molecular Formula: C₃₁H₃₈N₆O₂·1.25H₂O **Batch Molecular Weight:** 549.19
Appearance: Beige solid **Observed mp:** 225 - 230 °C
TLC (R_f): 0.45 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.9%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.80, H 7.43, N 15.30; Found: C 67.64, H 7.04, N 15.29
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)	0.0	0.0	Insoluble
	DMSO	54.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 31-05-2017

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