



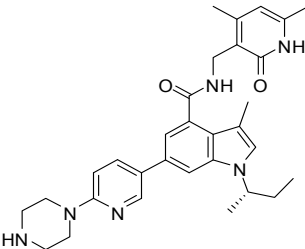
Certificate of Analysis

Axon Catalogue ID: 2140 **Batch Number:** 1

Product Name: GSK 126

Alternative Name(s): N.A.

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: 1346574-57-9

Batch Molecular Formula: C₃₁H₃₈N₆O₂·0.5H₂O **Batch MW:** 535.68

Appearance: Beige solid **Observed mp:** 250 °C (decomp)

TLC (R_f): 0.3 DCM/MeOH (1:1)

Chemical Purity: 98.8%

Optical Purity: [α]_D: -12° (c 0.1, MeOH) (* optical material 99%ee)

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 69.51 , H 7.34 , N 15.69 Found: C 69.26 , H 7.23 , N 15.57

Storage Conditions: Store at +4°C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	0.0	0.0	Insoluble
0.1N HCl (aq)	0.0	0.0	Insoluble
DMSO	35.0	65.3	Soluble
EtOH			Not Tested

Remarks:

QC Date: 11/4/2013

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