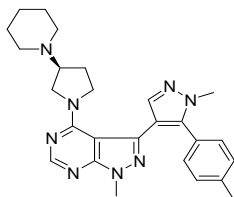




Certificate of Analysis

Axon Catalogue ID: 2026 **Batch Number:** 1
Product Name: PF 04981517
Alternative Name(s): PF 4981517
IUPAC Name: (S)-1-methyl-3-(1-methyl-5-p-tolyl-1H-pyrazol-4-yl)-4-(3-(piperidin-1-yl)pyrrolidin-1-yl)-1H-pyrazolo[3,4-d]pyrimidine

Structure:



Amount:

CAS number: 1390637-82-7 **MW:** 456.59
Batch Molecular Formula: C₂₆H₃₂N₈·0.33H₂O **Batch MW:** 462.53
Appearance: Off-white solid **Observed mp:** 88 - 90 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at +4°C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0	0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	30	65	Soluble
DMSO	44	95	Soluble
EtOH			Not Tested

Remarks: Pfizer compound; Sold for research purposes under agreement from Pfizer Inc.

QC Date: 3/27/2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only