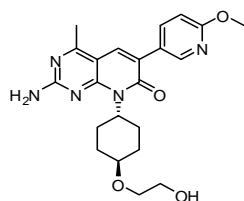




Certificate of Analysis

Axon Catalogue ID: 1855 **Batch Number:** 2
Product Name: PF 04691502
Alternative Name(s): N.A.
IUPAC Name: 2-amino-8-((1r,4r)-4-(2-hydroxyethoxy)cyclohexyl)-6-(6-methoxypyridin-3-yl)-4-methylpyrido[2,3-d]pyrimidin-7(8H)-one

Structure:



Amount:

CAS number: 1013101-36-4 **MW:** 425.48
Batch Molecular Formula: C₂₂H₂₇N₅O₄·0.25H₂O **Batch MW:** 429.98
Appearance: Light-yellow solid **Observed mp:** 223 - 224 °C
TLC (R_f): 0.54 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee):
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

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	28.0	65.1	Soluble
	EtOH			Not Tested

Remarks: Microanalysis: Calcd. C 61.45, H 6.45, N 16.29; Found: C 61.24, H 6.21, N 16.22.

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

QC Date: 5/2/2013

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