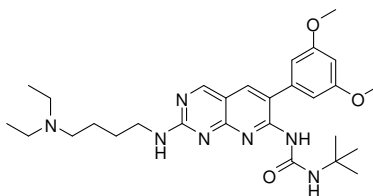




Certificate of Analysis

Axon Catalogue ID: 1673 **Batch Number:** 1
Product Name: PD 173074
Alternative Name(s): N.A.
IUPAC Name: 1-Tert-butyl-3-(2-(4-(diethylamino)butylamino)-6-(3,5-dimethoxyphenyl)pyrido[2,3-d]pyrimidin-7-yl)urea

Structure:



Amount:

CAS number: 219580-11-7
Batch Molecular Formula: C₂₈H₄₁N₇O₃ **Batch MW:** 523.67
Appearance: Yellow solid **Observed mp:** 75 °C
TLC (R_f): 0.5 DCM/Methanol (9:1)
Chemical Purity: 99.6%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.22 , H 7.89 , N 18.72 Found: C ND , H ND , N ND
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)	22.0	42.0	Soluble upon compensating with acid ar
	DMSO			0
	EtOH			0

Remarks:

QC Date: 15-06-2011

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