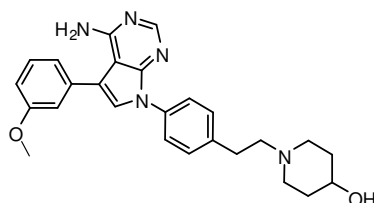




Certificate of Analysis

Axon Catalogue ID: 2097 **Batch Number:** 1
Product Name: CGP 77675
Alternative Name(s): N.A.
IUPAC Name: 1-(Amino-5-(3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)phenethyl)piperidin-4-ol

Structure:



Amount:

CAS number(s): 234772-64-6
Molecular Formula: C₂₆H₂₉N₅O₂ **Molecular Weight:** 443.54
Batch Molecular Formula: C₂₆H₂₉N₅O₂·0.5H₂O **Batch Molecular Weight:** 452.55
Appearance: Off-white solid **Observed mp:** 171 - 173 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.00, H 6.68, N 15.48; Found: C 68.73, H 6.33, N 15.87
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)	28.0	61.9	
	DMSO	45.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 12-02-2020

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