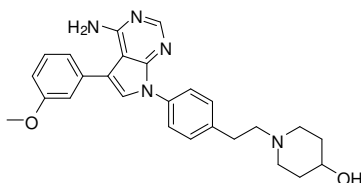




Certificate of Analysis

Axon Catalogue ID: 2097 **Batch Number:** 9
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: C₂₆H₂₉N₅O₂·0.75H₂O **Batch Molecular Weight:** 457.05
Appearance: Off-white solid **Observed mp:** 135.8 - 138.2 °C
TLC (R_f): 0.3 DCM/MeOH (4:1)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.32, H 6.73, N 15.32; Found: C 68.47, H 6.58, N 15.15
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	42.0	91.9	
DMSO	45.7	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 6-10-2022

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