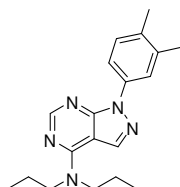




Certificate of Analysis

Axon Catalogue ID: 2544 **Batch Number:** 1
Product Name: S3QEL 2
Alternative Name(s): N.A.
IUPAC Name: 1-(3,4-Dimethylphenyl)-N,N-dipropyl-1H-pyrazolo[3,4-d]pyrimidin-4-amine

Structure:



Amount:

CAS number(s): 890888-12-7
Molecular Formula: C₁₉H₂₅N₅ **Molecular Weight:** 323.44
Batch Molecular Formula: C₁₉H₂₅N₅ **Batch Molecular Weight:** 323.44
Appearance: Off-white solid **Observed mp:** 115 °C
TLC (R_f): 0.55 Hex/EtOAc (4:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.56, H 7.79, N 21.64; Found: C 70.39, H 7.52, N 21.81
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) | 0.0 | 0.0 | Insoluble |
| | DMSO | 18.0 | 55.7 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 30-6-2021

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