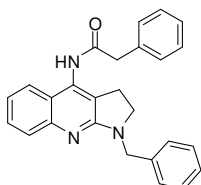




Certificate of Analysis

Axon Catalogue ID: 3784 **Batch Number:** 1
Product Name: PGP-4008
Alternative Name(s): N.A.
IUPAC Name: N-(1-Benzyl-2,3-dihydro-1H-pyrrolo[2,3-b]quinolin-4-yl)-2-phenylacetamide

Structure:



Amount:

CAS number(s): 365565-02-2
Molecular Formula: C₂₆H₂₃N₃O **Molecular Weight:** 393.48
Batch Molecular Formula: C₂₆H₂₃N₃O **Batch Molecular Weight:** 393.48
Appearance: Off-white solid **Observed mp:** 192 °C
TLC (R_f): 0.54 DCM/MeOH (9:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 79.36, H 5.89, N 10.68; Found: C 79.00, H 5.87, N 10.58
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 | 39.3 | >100 mM | |
| | EtOH | 5.0 | 12.7 | |

Remarks:

QC Date: 26-1-2023

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