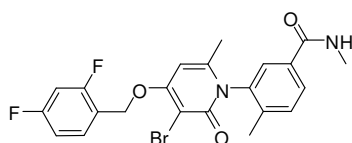




Certificate of Analysis

Axon Catalogue ID: 2786 **Batch Number:** 1
Product Name: (±)-PH 797804
Alternative Name(s): rac-PH 797804
IUPAC Name: 3-(3-Bromo-4-(2,4-difluorobenzyloxy)-6-methyl-2-oxopyridin-1(2H)-yl)-N,4-dimethylbenzamide

Structure:



Amount:

CAS number(s): 586379-66-0
Molecular Formula: C₂₂H₁₉BrF₂N₂O₃ **Molecular Weight:** 477.30
Batch Molecular Formula: C₂₂H₁₉BrF₂N₂O₃ **Batch Molecular Weight:** 477.30
Appearance: White solid **Observed mp:** 227 - 228 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.36, H 4.01, N 5.87; Found: C 55.33, H 3.82, N 5.86
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility | | Remarks |
|------------------|----------------|------------|------|------------|
| | | (mg/ml) | (mM) | |
| | Water | 0.0 | 0.0 | Insoluble |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 47.0 | 98.5 | |
| | EtOH | 8.3 | 17.4 | |

Remarks: Contains 0.26 wt% of ethanol, determined by NMR

QC Date: 21-12-2017

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