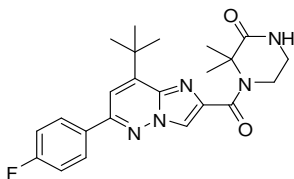




Certificate of Analysis

Axon Catalogue ID: 3043 **Batch Number:** 1
Product Name: I-191
Alternative Name(s): N.A.
IUPAC Name: 4-(8-tert-Butyl-6-(4-fluorophenyl)imidazo[1,2-b]pyridazine-2-carbonyl)-3,3-dimethylpiperazin-2-one

Structure:



Amount:

CAS number(s): 1690172-25-8
Molecular Formula: C₂₃H₂₆FN₅O₂ **Molecular Weight:** 423.48
Batch Molecular Formula: C₂₃H₂₆FN₅O₂.0.25H₂O **Batch Molecular Weight:** 427.99
Appearance: Light-grey solid **Observed mp:** 266.7 - 267.1 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.55, H 6.24, N 16.36; Found: C 64.78, H 6.16, N 16.32
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 | 20.8 | 48.6 | |
| | EtOH | | | Not Tested |

Remarks:

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