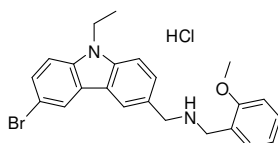


Certificate of Analysis

Axon Catalogue ID: 2710 **Batch Number:** 1
Product Name: HLCL65 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-(6-Bromo-9-ethyl-9H-carbazol-3-yl)-N-(2-methoxybenzyl)methanamine hydrochloride

Structure:



Amount:

CAS number(s): 1627865-11-5 (parent)
Molecular Formula: C₂₃H₂₃BrN₂O.HCl **Molecular Weight:** 459.81
Batch Molecular Formula: C₂₃H₂₃BrN₂O.HCl.H₂O **Batch Molecular Weight:** 477.82
Appearance: Off-white solid **Observed mp:** 114 °C
TLC (R_f): 0.46 DCM/MeOH (9:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.81, H 5.48, N 5.86; Found: C 57.69, H 5.30, N 5.80
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) | | | Not Tested |
| | DMSO | 30.9 | 64.7 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 19-8-2022

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