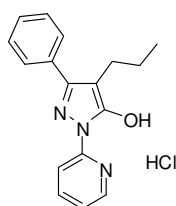




Certificate of Analysis

Axon Catalogue ID: 2819 **Batch Number:** 1
Product Name: APX-115
Alternative Name(s): Ewha-18278
IUPAC Name: 3-Phenyl-4-propyl-1-(pyridin-2-yl)-1H-pyrazol-5-ol hydrochloride

Structure:



Amount:

CAS number(s): 1270084-92-8 (parent), 1395946-75-4 (HCl (1:1))
Molecular Formula: C₁₇H₁₇N₃O.HCl **Molecular Weight:** 315.80
Batch Molecular Formula: C₁₇H₁₇N₃O.HCl.0.25H₂O **Batch Molecular Weight:** 320.30
Appearance: Off-white solid **Observed mp:** 153 - 158 °C
TLC (R_f): 0.5 PE/EtOAc (1:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.75, H 5.82, N 13.12; Found: C 64.01, H 5.75, N 13.24
Storage Conditions: Desiccate at -20 °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 | 32.0 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 08-08-2019

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