



Certificate of Analysis

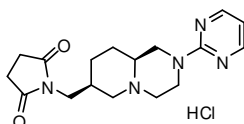
Axon Catalogue ID: 1519 **Batch Number:** 3

Product Name: Sunepitron hydrochloride

Alternative Name(s): CP 93393 hydrochloride; CP 93393-1

IUPAC Name: 1-(((7S,9aS)-2-(Pyrimidin-2-yl)octahydro-1H-pyrido[1,2-a]pyrazin-7-yl)methyl)pyrrolidine-2,5-dione hydrochloride

Structure:



Amount:

CAS number(s): 131831-03-3 (parent), 148408-65-5 (HCl (1:1))

Molecular Formula: C₁₇H₂₃N₅O₂.HCl **Molecular Weight:** 365.86

Batch Molecular Formula: C₁₇H₂₃N₅O₂.HCl **Batch Molecular Weight:** 365.86

Appearance: White solid **Observed mp:** >255 °C (decomp)

TLC (R_f): 0.7 DCM/MeOH (1:1)

Chemical Purity: 99.9%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 55.81, H 6.61, N 19.14; Found: C 55.66, H 6.86, N 19.18

Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|------------|
| | Water | 36.6 | >100 mM | |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 17.0 | 46.5 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 9-9-2020

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