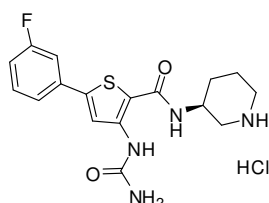




Certificate of Analysis

Axon Catalogue ID: 1399 **Batch Number:** 3
Product Name: AZD 7762 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 5-(3-Fluoro-phenyl)-3-ureido-thiophene-2-carboxylic acid (S)-piperidin-3-ylamide hydrochloride

Structure:



Amount:

CAS number(s): 860352-01-8 (parent), 1246094-78-9 (HCl (1:1))
Molecular Formula: C₁₇H₁₉FN₄O₂S.HCl **Molecular Weight:** 398.88
Batch Molecular Formula: C₁₇H₁₉FN₄O₂S.HCl **Batch Molecular Weight:** 398.88
Appearance: Light-brown solid **Observed mp:** 190 °C (decomp)
TLC (R_f): 0.35 DCM/MeOH (4:1) (FB)
Chemical Purity: 99.4%
Optical Purity (ee): 99.0%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.19, H 5.05, N 14.05; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at -20 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|-------------------------|----------------|---------------------------|------------------------|----------------|
| | Water | 39.9 | >100 mM | |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 39.9 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 25-03-2019

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