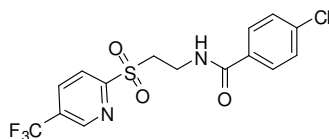




Certificate of Analysis

Axon Catalogue ID: 1628 **Batch Number:** 1
Product Name: GSK 3787
Alternative Name(s): N.A.
IUPAC Name: 4-Chloro-N-(2-(5-(trifluoromethyl)pyridin-2-ylsulfonyl)ethyl)benzamide

Structure:



Amount:

CAS number(s): 188591-46-0
Molecular Formula: C₁₅H₁₂ClF₃N₂O₃S **Molecular Weight:** 392.78
Batch Molecular Formula: C₁₅H₁₂ClF₃N₂O₃S **Batch Molecular Weight:** 392.78
Appearance: White solid **Observed mp:** 194.6 - 195.3 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.87, H 3.08, N 7.13; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|-------------------------|----------------|---------------------------|------------------------|----------------|
| | Water | | | Not Tested |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 32.5 | 82.7 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 15-09-2017

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