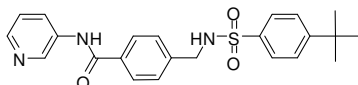




Certificate of Analysis

Axon Catalogue ID: 1905 **Batch Number:** 1
Product Name: STF 31
Alternative Name(s): N.A.
IUPAC Name: 4-((4-tert-Butylphenylsulfonamido)methyl)-N-(pyridin-3-yl)benzamide

Structure:



Amount:

CAS number(s): 724741-75-7
Molecular Formula: C₂₃H₂₅N₃O₃S **Molecular Weight:** 423.53
Batch Molecular Formula: C₂₃H₂₅N₃O₃S **Batch Molecular Weight:** 423.53
Appearance: White solid **Observed mp:** 210 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.23, H 5.95, N 9.92; Found: C 64.87, H 5.99, N 9.72
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	42.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 11-1-2024

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