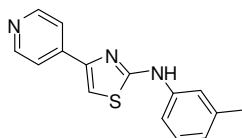




Certificate of Analysis

Axon Catalogue ID: 2894 **Batch Number:** 1
Product Name: STF 62247
Alternative Name(s): N.A.
IUPAC Name: 4-(Pyridin-4-yl)-N-m-tolylthiazol-2-amine

Structure:



Amount:

CAS number(s): 315702-99-9
Molecular Formula: C₁₅H₁₃N₃S **Molecular Weight:** 267.35
Batch Molecular Formula: C₁₅H₁₃N₃S.0.25H₂O **Batch Molecular Weight:** 271.85
Appearance: Beige solid **Observed mp:** 162 - 164 °C
TLC (R_f): 0.8 PE/EtOAc (1:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.27, H 5.01, N 15.46; Found: C 66.37, H 4.79, N 15.54
Storage Conditions: Store at +4 °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	27.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-09-2018

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