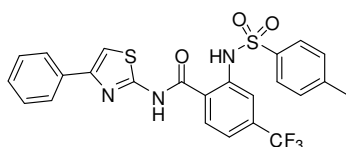




Certificate of Analysis

Axon Catalogue ID: 2678 **Batch Number:** 1
Product Name: ML364
Alternative Name(s): N.A.
IUPAC Name: 2-(4-Methylphenylsulfonamido)-N-(4-phenylthiazol-2-yl)-4-(trifluoromethyl)benzamide

Structure:



Amount:

CAS number(s): 1991986-30-1
Molecular Formula: C₂₄H₁₈F₃N₃O₃S₂ **Molecular Weight:** 517.54
Batch Molecular Formula: C₂₄H₁₈F₃N₃O₃S₂·0.6H₂O **Batch Molecular Weight:** 528.35
Appearance: Light-yellow solid **Observed mp:** 107 - 109 °C
TLC (R_f): 0.52 DCM/MeOH (100:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.56, H 3.66, N 7.95; Found: C 54.25, H 3.56, N 7.82
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	52.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-04-2017

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