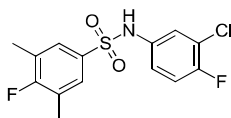




Certificate of Analysis

Axon Catalogue ID: 4395 **Batch Number:** 1
Product Name: TAC
Alternative Name(s): N.A.
IUPAC Name: (4-Fluoro-3,5-xylylsulfonyl)(3-chloro-4-fluorophenyl)amine

Structure:



Amount:

CAS number(s): 666699-46-3
Molecular Formula: C₁₄H₁₂ClF₂NO₂S **Molecular Weight:** 331.77
Batch Molecular Formula: C₁₄H₁₂ClF₂NO₂S **Batch Molecular Weight:** 331.77
Appearance: White solid **Observed mp:** 140.2 - 142.3 °C
TLC (R_f): 0.62 Hex/EtOAc (4:1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.68, H 3.65, N 4.22; Found: C 50.60, H 3.59, N 4.25
Storage Conditions: Store at -20 °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	33.2	>100 mM	
	EtOH	33.2	>100 mM	

Remarks:

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