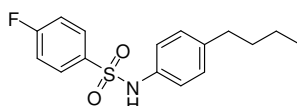




Certificate of Analysis

Axon Catalogue ID: 3057 **Batch Number:** 1
Product Name: DC260126
Alternative Name(s): N.A.
IUPAC Name: N-(4-Butylphenyl)-4-fluorobenzenesulfonamide

Structure:



Amount:

CAS number(s): 346692-04-4
Molecular Formula: C₁₆H₁₈FNO₂S **Molecular Weight:** 307.38
Batch Molecular Formula: C₁₆H₁₈FNO₂S **Batch Molecular Weight:** 307.38
Appearance: White solid **Observed mp:** 60 °C
TLC (R_f): 0.32 PE/EtOAc (9:1)
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 62.52, H 5.90, N 4.56; Found: C 62.23, H 5.90, N 4.51
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	30.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-12-2019

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