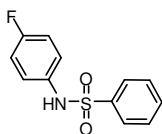




## Certificate of Analysis

**Axon Catalogue ID:** 2382 **Batch Number:** 1  
**Product Name:** ELN 484228  
**Alternative Name(s):** NSC 164389  
**IUPAC Name:** N-(4-fluorophenyl)benzenesulfonamide

**Structure:**



**Amount:**

**CAS number:** 312-63-0  
**Batch Molecular Formula:** C<sub>12</sub>H<sub>10</sub>FNO<sub>2</sub>S **Batch MW:** 251.28  
**Appearance:** White solid **Observed mp:** 109 °C  
**TLC (R<sub>f</sub>):** 0.66 DCM/MeOH (20:1)  
**Chemical Purity:** 99.2%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 57.36 , H 4.01 , N 5.57 Found: C 57.35 , H 3.62 , N 5.44  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	25.1	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 02-02-2015

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**