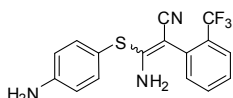




## Certificate of Analysis

**Axon Catalogue ID:** 1122 **Batch Number:** 5  
**Product Name:** SL 327  
**Alternative Name(s):** N.A.  
**IUPAC Name:** E/Z- $\alpha$ -[amino(4-aminophenyl)thio]methylene-2-(trifluoromethyl)benzeneacetonitrile

**Structure:**



**Amount:**

**CAS number(s):** 305350-87-2  
**Molecular Formula:** C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>N<sub>3</sub>S **Molecular Weight:** 335.35  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>N<sub>3</sub>S **Batch Molecular Weight:** 335.35  
**Appearance:** White solid **Observed mp:** 147.5 - 149.2 °C  
**TLC (R<sub>f</sub>):** 0.2 - 0.4 EtOAc/Hex (1:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 57.31, H 3.61, N 15.52; Found: C 57.47, H 3.51, N 12.63  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	33.5	>100 mM	
	EtOH			Not Tested

**Remarks:** B1: 11.6549 g, B2: 12.9987 g.

**QC Date:** 15-02-2016

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**