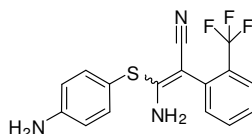




Certificate of Analysis

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

Structure:



Amount:

CAS number(s): 305350-87-2
Molecular Formula: C₁₆H₁₂F₃N₃S **Molecular Weight:** 335.35
Batch Molecular Formula: C₁₆H₁₂F₃N₃S **Batch Molecular Weight:** 335.35
Appearance: White solid **Observed mp:** 146 - 148 °C
TLC (R_f): 0.2 - 0.4 Hex/EtOAc (1:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.31, H 3.61, N 12.52; Found: C 57.33, H 3.59, N 12.42
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	33.5	>100 mM	
	EtOH			Not Tested

Remarks: LC-MS indicates a 76:24 ratio of E/Z isomers

QC Date: 08-05-2020

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