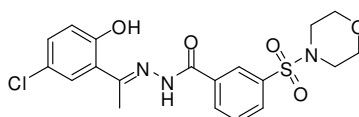




Certificate of Analysis

Axon Catalogue ID: 2864 **Batch Number:** 1
Product Name: SP 2509
Alternative Name(s): N.A.
IUPAC Name: (E)-N¹-(1-(5-Chloro-2-hydroxyphenyl)ethylidene)-3-(morpholinylsulfonyl)benzohydrazide

Structure:



Amount:

CAS number(s): 1423715-09-6
Molecular Formula: C₁₉H₂₀ClN₃O₅S **Molecular Weight:** 437.90
Batch Molecular Formula: C₁₉H₂₀ClN₃O₅S **Batch Molecular Weight:** 437.90
Appearance: Light-yellow solid **Observed mp:** 220 - 223 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.11, H 4.60, N 9.60; Found: C 52.04, H 4.52, N 9.58
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	43.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 30-07-2018

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