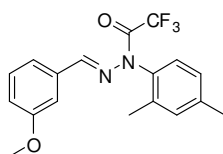


Certificate of Analysis

Axon Catalogue ID: 2859 **Batch Number:** 1
Product Name: J147
Alternative Name(s): N.A.
IUPAC Name: N-(2,4-Dimethylphenyl)-2,2,2-trifluoro-N'-(3-methoxybenzylidene)acetohydrazide

Structure:



Amount:

CAS number(s): 1146963-51-0
Molecular Formula: C₁₈H₁₇F₃N₂O₂ **Molecular Weight:** 350.33
Batch Molecular Formula: C₁₈H₁₇F₃N₂O₂ **Batch Molecular Weight:** 350.33
Appearance: Pink solid **Observed mp:** 71 - 73 °C
TLC (R_f): 0.7 PE/EA (4:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.71, H 4.89, N 8.00; Found: C 61.77, H 4.67, N 8.06
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	35.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 28-05-2018

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