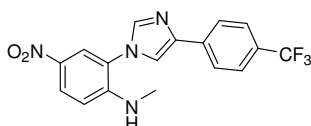




Certificate of Analysis

Axon Catalogue ID: 2455 **Batch Number:** 1
Product Name: CU-T12-9
Alternative Name(s): N.A.
IUPAC Name: N-Methyl-4-nitro-2-(4-(4-(trifluoromethyl)phenyl)-1H-imidazol-1-yl)aniline

Structure:



Amount:

CAS number(s): 1821387-73-8
Molecular Formula: C₁₇H₁₃F₃N₄O₂ **Molecular Weight:** 362.31
Batch Molecular Formula: C₁₇H₁₃F₃N₄O₂ **Batch Molecular Weight:** 362.31
Appearance: Yellow solid **Observed mp:** 209 °C
TLC (R_f): 0.6 DCM/MeOH (30:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.36, H 3.62, N 15.46; Found: C 56.35, H 3.54, N 15.33
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	33.0	91.1	
	EtOH			Not Tested

Remarks:

QC Date: 14-01-2021

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