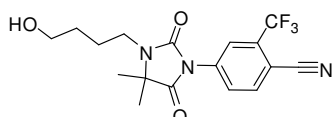




Certificate of Analysis

Axon Catalogue ID: 1680 **Batch Number:** 1
Product Name: RU 58841
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(4-Hydroxybutyl)-4,4-dimethyl-2,5-dioximidazolidin-1-yl)-2-(trifluoromethyl)benzonitrile

Structure:



Amount:

CAS number(s): 154992-24-2
Molecular Formula: C₁₇H₁₈F₃N₃O₃ **Molecular Weight:** 369.34
Batch Molecular Formula: C₁₇H₁₈F₃N₃O₃ **Batch Molecular Weight:** 369.34
Appearance: White solid **Observed mp:** 103.5 - 104.2 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.28, H 4.91, N 11.38; Found: C ND, H ND, N ND
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		>100	
	EtOH			Not Tested

Remarks:

QC Date: 24-01-2019

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