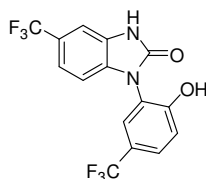




Certificate of Analysis

Axon Catalogue ID: 2854 **Batch Number:** 1
Product Name: NS 1619
Alternative Name(s): N.A.
IUPAC Name: 1-(2-Hydroxy-5-(trifluoromethyl)phenyl)-5-(trifluoromethyl)-1H-benzo[d]imidazol-2(3H)-one

Structure:



Amount:

CAS number(s): 153587-01-0
Molecular Formula: C₁₅H₈F₆N₂O₂ **Molecular Weight:** 362.23
Batch Molecular Formula: C₁₅H₈F₆N₂O₂ **Batch Molecular Weight:** 362.23
Appearance: White solid **Observed mp:** 236.5 - 238.6 °C
TLC (R_f): 0.3 DCM/MeOH (20:1)
Chemical Purity: 98.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.74, H 2.23, N 7.73; Found: C 49.76, H 2.55, N 7.55
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	36.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-06-2018

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