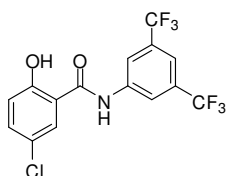




Certificate of Analysis

Axon Catalogue ID: 2725 **Batch Number:** 1
Product Name: IMD-0354
Alternative Name(s): N.A.
IUPAC Name: N-(3,5-Bis(trifluoromethyl)phenyl)-5-chloro-2-hydroxybenzamide

Structure:



Amount:

CAS number(s): 978-62-1
Molecular Formula: C₁₅H₈ClF₆NO₂ **Molecular Weight:** 383.67
Batch Molecular Formula: C₁₅H₈ClF₆NO₂ **Batch Molecular Weight:** 383.67
Appearance: White solid **Observed mp:** 181.5 - 182.5 °C
TLC (R_f): 0.6 Hex/EtOAc (4:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.96, H 2.10, N 3.65; Found: C 47.06, H 2.40, N 3.64
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)	18.4	48.0	
	0.1N HCl (aq)			Not Tested
	DMSO	38.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-06-2017

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