



Certificate of Analysis

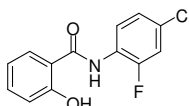
Axon Catalogue ID: 3438 **Batch Number:** 1

Product Name: NDMC101

Alternative Name(s): HS-Cm

IUPAC Name: N-(4-Chloro-2-fluorophenyl)-2-hydroxybenzamide

Structure:



Amount:

CAS number(s): 1308631-40-4

Molecular Formula: C₁₃H₉ClFNO₂ **Molecular Weight:** 265.67

Batch Molecular Formula: C₁₃H₉ClFNO₂·0.25H₂O **Batch Molecular Weight:** 270.17

Appearance: White solid **Observed mp:** 187.6 - 189 °C

TLC (R_f): 0.47 Hex/EtOAc (4:1)

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 57.79, H 3.54, N 5.18; Found: C 57.71, H 3.37, N 5.09

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)	10.8	40.0	
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-7-2021

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