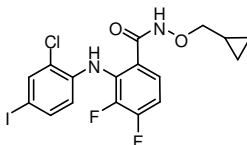




## Certificate of Analysis

**Axon Catalogue ID:** 1368 **Batch Number:** 4  
**Product Name:** PD184352  
**Alternative Name(s):** CI 1040  
**IUPAC Name:** 2-(2-Chloro-4-iodophenylamino)-N-cyclopropylmethoxy-3,4-difluorobenzamide

**Structure:**



**Amount:**

**CAS number(s):** 212631-79-3  
**Molecular Formula:** C<sub>17</sub>H<sub>14</sub>ClF<sub>2</sub>IN<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 478.66  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>14</sub>ClF<sub>2</sub>IN<sub>2</sub>O<sub>2</sub> **Batch Molecular Weight:** 478.66  
**Appearance:** White solid **Observed mp:** 174 - 176 °C  
**TLC (R<sub>f</sub>):** 0.2 EtOAc/Hex (1:4)  
**Chemical Purity:** 98.7%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 42.66, H 2.95, N 5.85; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	47.9	>100 mM	
	EtOH	6.0	12.5	

**Remarks:**

**QC Date:** 31-8-2023

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**