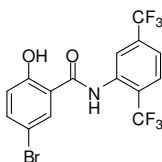




## Certificate of Analysis

**Axon Catalogue ID:** 3484 **Batch Number:** 1  
**Product Name:** IMD-0560  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(2,5-Bis(trifluoromethyl)phenyl)-5-bromo-2-hydroxybenzamide

**Structure:**



**Amount:**

**CAS number(s):** 439144-66-8  
**Molecular Formula:** C<sub>15</sub>H<sub>8</sub>BrF<sub>6</sub>NO<sub>2</sub> **Molecular Weight:** 428.12  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>8</sub>BrF<sub>6</sub>NO<sub>2</sub> **Batch Molecular Weight:** 428.12  
**Appearance:** White solid **Observed mp:** 207 °C  
**TLC (R<sub>f</sub>):** 0.35 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.7%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 42.08, H 1.88, N 3.27; Found: C 41.75, H 1.97, N 3.02  
**Storage Conditions:** Store at +4 °C

| <b>Solubility Data:</b> | <b>Solvent</b> | <b>Solubility (mg/ml)</b> | <b>Solubility (mM)</b> | <b>Remarks</b> |
|-------------------------|----------------|---------------------------|------------------------|----------------|
|                         | Water          | 0.0                       | 0.0                    | Insoluble      |
|                         | 0.1N NaOH (aq) | 20.0                      | 46.7                   |                |
|                         | 0.1N HCl (aq)  |                           |                        | Not Tested     |
|                         | DMSO           | 42.8                      | >100 mM                |                |
|                         | EtOH           | 42.8                      | >100 mM                |                |

**Remarks:**

**QC Date:** 17-9-2021

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

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