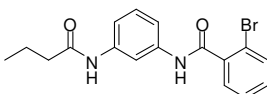




## Certificate of Analysis

**Axon Catalogue ID:** 1928 **Batch Number:** 1  
**Product Name:** ML 161  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Bromo-N-(3-butyramidophenyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 423735-93-7  
**Molecular Formula:** C<sub>17</sub>H<sub>17</sub>BrN<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 361.23  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>17</sub>BrN<sub>2</sub>O<sub>2</sub> **Batch Molecular Weight:** 361.23  
**Appearance:** Off-white solid **Observed mp:** 165 - 166 °C  
**TLC (R<sub>f</sub>):** 0.65 Hex/EtOAc (1:1)  
**Chemical Purity:** 98.6%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.52, H 4.74, N 7.75; Found: C 56.77, H 4.46, N 7.78  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.1	>100 mM	
	EtOH	36.1	>100 mM	

**Remarks:**

**QC Date:** 16-3-2022

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**