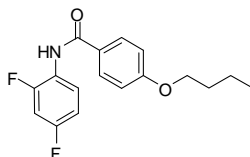




## Certificate of Analysis

**Axon Catalogue ID:** 1894 **Batch Number:** 1  
**Product Name:** VU 0357121  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 4-butoxy-N-(2,4-difluorophenyl)benzamide

**Structure:**



**Amount:**

**CAS number:** 433967-28-3  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>17</sub>F<sub>2</sub>NO<sub>2</sub> **Batch MW:** 305.32  
**Appearance:** White crystalline **Observed m.p.:** 113 - 115 °C  
**TLC (R<sub>f</sub>):** 0.65 Hex/EtOAc [2:1]  
**Chemical Purity:** 99.4% **Wavelength for purity check:** 200 nm  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** C, H, and N fit within 0,4% of theoretical calculation

**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			Not Tested
	1eq. NaOH			Not Tested
	1eq. HCl			Not Tested
	DMSO	>30	>100 mM	Soluble
	EtOH			Not Tested

**Remarks:**

**Quality controller:** Erik S. Vermeulen, PhD **Date:** 9/3/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

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