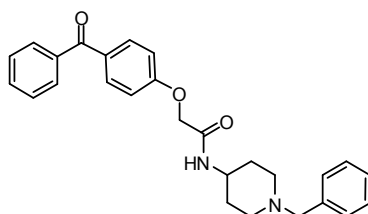




## Certificate of Analysis

**Axon Catalogue ID:** 2275 **Batch Number:** 1  
**Product Name:** AdipoRon  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(4-Benzoylphenoxy)-N-(1-benzylpiperidin-4-yl)acetamide

**Structure:**



**Amount:**

**CAS number:** 924416-43-3  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>·1/4H<sub>2</sub>O **Batch MW:** 433.02  
**Appearance:** White solid **Observed mp:** 107.7 - 108.4 °C  
**TLC (R<sub>f</sub>):** 0.6 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 74.89 , H 6.63 , N 6.47 Found: C 75.17 , H 6.59 , N 6.45  
**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)	2.8	6.5	
	DMSO	42.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 5-5-2014

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**