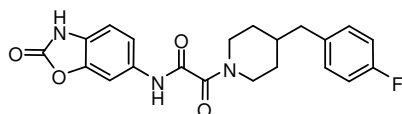




## Certificate of Analysis

**Axon Catalogue ID:** 1434 **Batch Number:** 1  
**Product Name:** RGH 896  
**Alternative Name(s):** Radiprodil  
**IUPAC Name:** 2-[4-(4-Fluoro-benzyl)-piperidin-1-yl]-2-oxo-N-(2-oxo-2,3-dihydro-benzooxazol-6-yl)-acetamide

**Structure:**



**Amount:**

**CAS number:** 496054-87-6 **MW:** 397.41  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub> **Batch MW:** 397.41  
**Appearance:** White solid **Observed mp:** 225 - 226 °C

**TLC (R<sub>f</sub>):** 0.4 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:** 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
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	39.7	>100 mM	
	EtOH			Not Tested

**Remarks:** Very soluble in DMSO. Immediate precipitates when water is added.

**QC Date:** 10-06-2009

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**