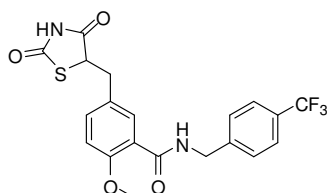




## Certificate of Analysis

**Axon Catalogue ID:** 1567 **Batch Number:** 1  
**Product Name:** KRP 297  
**Alternative Name(s):** MK 767  
**IUPAC Name:** 5-((2,4-Dioxothiazolidin-5-yl)methyl)-2-methoxy-N-(4-(trifluoromethyl)benzyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 213252-19-8  
**Molecular Formula:** C<sub>20</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>S **Molecular Weight:** 438.42  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>S **Batch Molecular Weight:** 438.42  
**Appearance:** White solid **Observed mp:** 176 - 177 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 98.4%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 54.79, H 3.91, N 6.39; Found: C ND, H ND, N ND  
**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	12.0	27.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 27-11-2018

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**