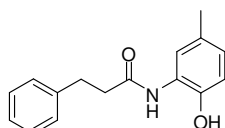




## Certificate of Analysis

**Axon Catalogue ID:** 3416 **Batch Number:** 1  
**Product Name:** AA147  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(2-Hydroxy-5-methylphenyl)-3-phenylpropanamide

**Structure:**



**Amount:**

**CAS number(s):** 393121-74-9  
**Molecular Formula:** C<sub>16</sub>H<sub>17</sub>NO<sub>2</sub> **Molecular Weight:** 255.31  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>17</sub>NO<sub>2</sub>·0.1H<sub>2</sub>O **Batch Molecular Weight:** 257.11  
**Appearance:** White solid **Observed mp:** 124.3 - 127.5 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 74.74, H 6.74, N 5.45; Found: C 74.71, H 6.67, N 5.42  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	25.7	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-04-2021

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**