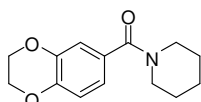




## Certificate of Analysis

**Axon Catalogue ID:** 3090 **Batch Number:** 1  
**Product Name:** CX546  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (2,3-Dihydrobenzo[b][1,4]dioxin-6-yl)(piperidin-1-yl)methanone

**Structure:**



**Amount:**

**CAS number(s):** 215923-54-9  
**Molecular Formula:** C<sub>14</sub>H<sub>17</sub>NO<sub>3</sub> **Molecular Weight:** 247.29  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>17</sub>NO<sub>3</sub> **Batch Molecular Weight:** 247.29  
**Appearance:** White solid **Observed mp:** 94.5 - 96.2 °C  
**TLC (R<sub>f</sub>):** 0.3 Hex/EtOAc (1:1)  
**Chemical Purity:** 99.9%  
**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 68.00, H 6.93, N 5.66; Found: C 68.32, H 6.77, N 5.39  
**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	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	24.7	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 22-04-2020

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**