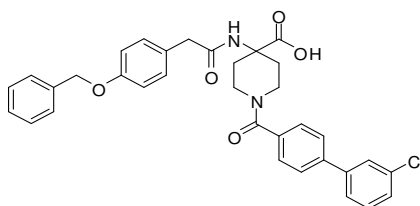




## Certificate of Analysis

**Axon Catalogue ID:** 4090 **Batch Number:** 1  
**Product Name:** YL-365  
**Alternative Name(s):** C20  
**IUPAC Name:** 4-(2-(4-(Benzyloxy)phenyl)acetamido)-1-(3'-chlorobiphenylcarbonyl)piperidine-4-carboxylic acid

**Structure:**



**Amount:**

**CAS number(s):** N.A.  
**Molecular Formula:** C34H31ClN2O5 **Molecular Weight:** 583.07  
**Batch Molecular Formula:** C34H31ClN2O5.H2O **Batch Molecular Weight:** 601.09  
**Appearance:** White solid **Observed mp:** 133.9 - 142.4 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH/AcOH (9:1:0.1)  
**Chemical Purity:** 99.2%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.94, H 5.53, N 4.66; Found: C 68.34, H 5.14, N 4.83  
**Storage Conditions:** Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	0.0	0.0	Insoluble
0.1N HCl (aq)			Not Tested
DMSO	54.0	89.8	
EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 22-5-2024

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**