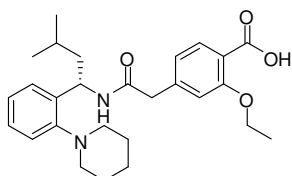




## Certificate of Analysis

**Axon Catalogue ID:** 3365 **Batch Number:** 1  
**Product Name:** Repaglinide  
**Alternative Name(s):** AG-EE 623ZW  
**IUPAC Name:** (S)-2-Ethoxy-4-(2-(3-methyl-1-(2-(piperidin-1-yl)phenyl)butylamino)-2-oxoethyl)benzoic acid

**Structure:**



**Amount:**

**CAS number(s):** 135062-02-1  
**Molecular Formula:** C<sub>27</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 452.59  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub> **Batch Molecular Weight:** 452.59  
**Appearance:** White solid **Observed mp:** >132 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.68 DCM/MeOH (20:1)  
**Chemical Purity:** 100%  
**Optical Purity (ee):** Optically pure  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 71.65, H 8.02, N 6.19; Found: C 71.54, H 8.46, N 6.14  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility	Solubility	Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	2.3	5.0	* Warming (40°C)
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	32.7	72.3	
	EtOH			Not Tested

**Remarks:** \* Warming (40°C) enhanced solubility.

**QC Date:** 08-03-2021

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**