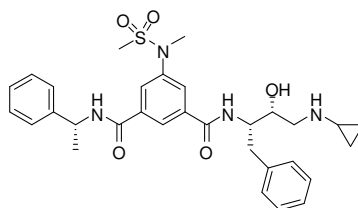




## Certificate of Analysis

**Axon Catalogue ID:** 1125 **Batch Number:** 3  
**Product Name:** BACE-1 Inhibitor  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-((1S,2R)-1-Benzyl-3-cyclopropylamino-2-hydroxy-propyl)-5-(methanesulfonyl-methyl-amino)-N'-((R)-1-phenyl-ethyl)-isophthalamide

**Structure:**



**Amount:**

**CAS number(s):** 797035-11-1  
**Molecular Formula:** C<sub>31</sub>H<sub>38</sub>N<sub>4</sub>O<sub>5</sub>S **Molecular Weight:** 578.72  
**Batch Molecular Formula:** C<sub>31</sub>H<sub>38</sub>N<sub>4</sub>O<sub>5</sub>S **Batch Molecular Weight:** 578.72  
**Appearance:** White solid **Observed mp:** 103 - 105 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (9:1)  
**Chemical Purity:** 97.1%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.34, H 6.62, N 9.68; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	11.5	19.9	
	DMSO			Not Tested
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-2-2023

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**