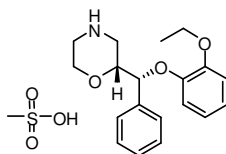




## Certificate of Analysis

**Axon Catalogue ID:** 1240 **Batch Number:** 1  
**Product Name:** Reboxetine mesylate  
**Alternative Name(s):** N.A.  
**IUPAC Name:** rel-(R)-2-((R)-(2-Ethoxyphenoxy)(phenyl)methyl)morpholine mesylate

**Structure:**



**Amount:**

**CAS number(s):** 71620-89-8 (parent), 98769-84-7 (mesylate (1:1))  
**Molecular Formula:** C<sub>19</sub>H<sub>23</sub>NO<sub>3</sub>.CH<sub>4</sub>O<sub>3</sub>S **Molecular Weight:** 409.50  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>23</sub>NO<sub>3</sub>.CH<sub>4</sub>O<sub>3</sub>S.0.25H<sub>2</sub>O **Batch Molecular Weight:** 414.00  
**Appearance:** Off-white solid **Observed mp:** 141.6 - 143.3 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (9:1)  
**Chemical Purity:** 98.4%  
**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 58.02, H 6.70, N 3.38; Found: C 58.07, H 6.66, N 3.30  
**Storage Conditions:** Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	41.4	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.0	62.8	
	EtOH	7.8	18.7	

**Remarks:** Electrostatic.

**QC Date:** 24-5-2022

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**