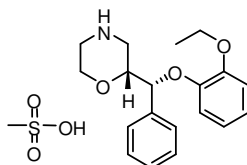




## Certificate of Analysis

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

**Structure:**



**Amount:**

(and enantiomer)

**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 **Batch Molecular Weight:** 409.50  
**Appearance:** Off-white solid **Observed mp:** 141.6 - 143.3 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**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 58.66, H 6.65, N 3.42; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.0	63.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 09-08-2010

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**