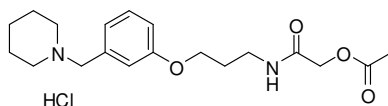




## Certificate of Analysis

**Axon Catalogue ID:** 3129 **Batch Number:** 1  
**Product Name:** Roxatidine acetate hydrochloride  
**Alternative Name(s):** TZU-0460; HOE 760  
**IUPAC Name:** 2-Oxo-2-(3-(3-(piperidin-1-ylmethyl)phenoxy)propylamino)ethyl acetate hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 78628-28-1 (parent), 93793-83-0 (HCl (1:1))  
**Molecular Formula:** C<sub>19</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>.HCl **Molecular Weight:** 384.90  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>.HCl **Batch Molecular Weight:** 384.90  
**Appearance:** White solid **Observed mp:** 149.2 - 149.5 °C  
**TLC (R<sub>f</sub>):** 0.46 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**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 59.29, H 7.59, N 7.28; Found: C 59.49, H 7.65, N 7.24  
**Storage Conditions:** Desiccate at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	25.3	65.6	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.5	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 24-07-2020

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**