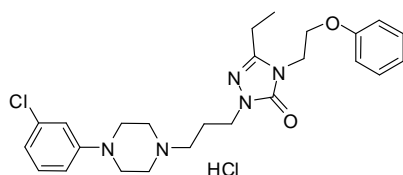




## Certificate of Analysis

**Axon Catalogue ID:** 1102 **Batch Number:** 1  
**Product Name:** Nefazodone hydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-{3-[4-(3-Chloro-phenyl)-piperazin-1-yl]-propyl}-5-ethyl-4-(2-phenoxy-ethyl)-2,4-dihydro-[1,2,4]triazol-3-one hydrochloride

**Structure:**



**Amount:**

**CAS number:** 82752-99-6 **MW:** 506.48  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>32</sub>ClN<sub>5</sub>O<sub>2</sub>.HCl **Batch MW:** 506.48  
**Appearance:** White Solid **Observed mp:** 180 - 182 °C

**TLC (R<sub>f</sub>):** NA NA

**Chemical Purity:** 98.5%

**Optical Purity (ee):**

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Not available

**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	34.6	68.3	Slight warming of the solution
	EtOH			Not Tested

**Remarks:**

**QC Date:** 3-10-2009

The purity of Axon products 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 Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**