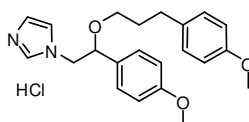




## Certificate of Analysis

**Axon Catalogue ID:** 1221 **Batch Number:** 1  
**Product Name:** SKF 96365 hydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(2-(4-Methoxyphenyl)-2-(3-(4-methoxyphenyl)propoxy)ethyl)-1H-imidazole hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 162849-90-3 (parent), 130495-35-1 (parent)  
**Molecular Formula:** C<sub>22</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>.HCl **Molecular Weight:** 402.91  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>.HCl **Batch Molecular Weight:** 402.91  
**Appearance:** White solid **Observed mp:** 117.2 - 119.1 °C  
**TLC (R<sub>f</sub>):** 0.45 DCM/MeOH (95:5)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 65.58, H 6.75, N 6.95; Found: C 65.30, H 6.74, N 6.91  
**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	15.0	37.2	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.0	37.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-8-2021

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**