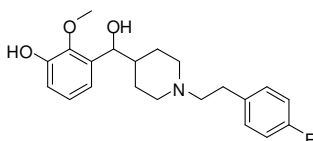




## Certificate of Analysis

**Axon Catalogue ID:** 1106 **Batch Number:** 1  
**Product Name:** (±)-MDL 105725  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-((1-(4-Fluorophenethyl)piperidin-4-yl)(hydroxy)methyl)-2-methoxyphenol

**Structure:**



**Amount:**

**CAS number(s):** 1018473-89-6  
**Molecular Formula:** C<sub>21</sub>H<sub>26</sub>FNO<sub>3</sub> **Molecular Weight:** 359.43  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>26</sub>FNO<sub>3</sub> **Batch Molecular Weight:** 359.43  
**Appearance:** Off-white solid **Observed mp:** 88 - 90°C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (9:1)  
**Chemical Purity:** >99%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 70.17, H 7.29, N 3.90; 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	14.8	41.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 27-11-2009

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**