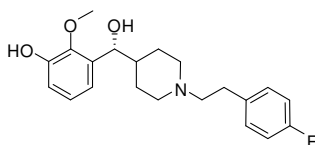




Certificate of Analysis

Axon Catalogue ID: 1107 **Batch Number:** 1A
Product Name: (+)-MDL 105725
Alternative Name(s): MDL 105725
IUPAC Name: (R)-3-((1-(4-Fluorophenethyl)piperidin-4-yl)(hydroxy)methyl)-2-methoxyphenol

Structure:



Amount:

CAS number(s): 189192-18-5
Molecular Formula: C₂₁H₂₆FNO₃ **Molecular Weight:** 359.43
Batch Molecular Formula: C₂₁H₂₆FNO₃ **Batch Molecular Weight:** 359.43
Appearance: Off-white solid **Observed mp:** ND
TLC (R_f): - -
Chemical Purity: 98.6%
Optical Purity (ee): Optically pure
Optical Rotation (Det.): [α]_D = +26.0° with c = 0.1 in MeOH
¹H-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: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO		>50	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 13-4-2022

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only