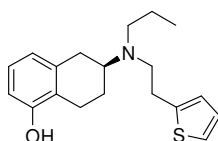




Certificate of Analysis

Axon Catalogue ID 1040 **Batch Number:** 3
Product Name: Rotigotine - N-0923
IUPAC Name: (S)-6-[Propyl-(2-thiophen-2-yl-ethyl)-amino]-5,6,7,8-tetrahydro-naphthalen-1-ol

Structure:



Amount:

CAS number: 99755-59-6
Batch Molecular Formula: C₁₉H₂₅NOS **Batch MW:** 315.48
Appearance: Off-white Solid **Observed m.p.:** 78 °C
TLC (R_f): 0.6 9:1 DCM/Methanol
Chemical Purity: 99% **Wavelength for purity check:** 223 nm
Optical Purity (ee): 99%
¹H-NMR (300 MHz): Analytical data confirm chemical structure **Solvent:** CDCl₃
Mass Spec: Analytical data confirm chemical structure **Ion:** 316 m/z **Method:** APCI:M+1
Microanalysis: Not available
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not tested
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO	37.00	>100	Very Soluble
	EtOH			Not tested

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 07-06-2010

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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only