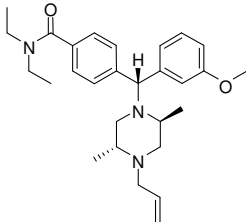




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1412	<b>Batch Number:</b>	2
<b>Product Name:</b>	SNC 80		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	4-((R)-((2S,5R)-4-Allyl-2,5-dimethylpiperazin-1-yl)(3-methoxyphenyl)methyl)-N,N-diethylbenzamide		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	156727-74-1		
<b>Molecular Formula:</b>	C28H39N3O2	<b>Molecular Weight:</b>	449.63
<b>Batch Molecular Formula:</b>	C28H39N3O2	<b>Batch Molecular Weight:</b>	449.63
<b>Appearance:</b>	Off-white solid	<b>Observed mp:</b>	124.1 - 125.5 °C
<b>TLC (R<sub>f</sub>):</b>	0.5	EtOAc	
<b>Chemical Purity:</b>	99.5%		
<b>Optical Purity (ee):</b>	o.p.		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 74.80, H 8.74, N 9.34; Found: C 74.67, H 8.75, N 9.48		
<b>Storage Conditions:</b>	Store at	-20 °C	
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	0.0	0.0
	0.1N NaOH (aq)		Insoluble
	0.1N HCl (aq)	26.0	57.8
	DMSO	12.4	27.6
	EtOH		Sonication at 40 °C enhances solubility
			Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	15-3-2022		

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

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