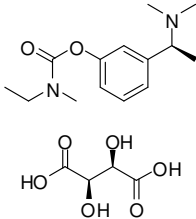




Certificate of Analysis

Axon Catalogue ID:	3167	Batch Number:	1																								
Product Name:	Rivastigmine tartrate																										
Alternative Name(s):	SDZ ENA 713																										
IUPAC Name:	(S)-3-(1-(Dimethylamino)ethyl)phenyl ethyl(methyl)carbamate (2R,3R)-2,3-dihydroxysuccinate																										
Structure:		Amount:																									
CAS number(s):	123441-03-2 (parent), 129101-54-8 (tartrate (1:1))																										
Molecular Formula:	C ₁₄ H ₂₂ N ₂ O ₂ .C ₄ H ₆ O ₆	Molecular Weight:	400.42																								
Batch Molecular Formula:	C ₁₄ H ₂₂ N ₂ O ₂ .C ₄ H ₆ O ₆	Batch Molecular Weight:	400.42																								
Appearance:	White solid	Observed mp:	125.5 - 126.7 °C																								
TLC (R_f):	0.78	DCM/MeOH/NH ₃ (99:1:0.1)																									
Chemical Purity:	99.1%																										
Optical Purity (ee):	Optically pure																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 53.99, H 7.05, N 7.00; Found: C 53.91, H 7.10, N 6.96																										
Storage Conditions:	Desiccate at +4 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>40.0</td><td>>100 mM</td><td></td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>40.0</td><td>>100 mM</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	40.0	>100 mM		0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	40.0	>100 mM		EtOH			Not Tested		
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Remarks:																											
QC Date:	24-09-2020																										

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