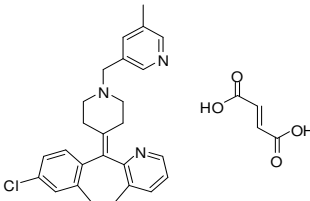


Certificate of Analysis

Axon Catalogue ID:	4043	Batch Number:	1	
Product Name:	Rupatadine fumarate			
Alternative Name(s):	UR12592			
IUPAC Name:	13-Chloro-2-[1-[(5-methylpyridin-3-yl)methyl]piperidin-4-ylidene]-4-azatricyclo[9.4.0.0 ^{3,8}]pentadeca-1(11),3(8),4,6,12,14-hexaene fumarate			
Structure:			Amount:	
CAS number(s):	158876-82-5 (parent), 182349-12-8 (fumarate (1:1))			
Molecular Formula:	C ₂₆ H ₂₆ ClN ₃ .C ₄ H ₄ O ₄	Molecular Weight:	532.03	
Batch Molecular Formula:	C ₂₆ H ₂₆ ClN ₃ .C ₄ H ₄ O ₄	Batch Molecular Weight:	532.03	
Appearance:	White solid	Observed mp:	204 - 206 °C	
TLC (R_f):	0.56	DCM/MeOH (9:1)		
Chemical Purity:	99.8%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 67.73, H 5.68, N 7.90; Found: C 67.77, H 5.76, N 7.84			
Storage Conditions:	Desiccate at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	44.0	82.7	
	EtOH	5.3	9.9	
Remarks:				
QC Date:	4-10-2023			

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