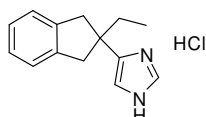




Certificate of Analysis

Axon Catalogue ID: 1371 **Batch Number:** 1
Product Name: Atipamezole hydrochloride
Alternative Name(s): Antisedan; MPV 1248
IUPAC Name: 5-(2-Ethyl-indan-2-yl)-1H-imidazole hydrochloride

Structure:



Amount:

CAS number(s): 104054-27-5 (parent), 104075-48-1 (HCl (1:1))
Molecular Formula: C₁₄H₁₆N₂.HCl **Molecular Weight:** 248.75
Batch Molecular Formula: C₁₄H₁₆N₂.HCl **Batch Molecular Weight:** 248.75
Appearance: White solid **Observed mp:** 213 °C
TLC (R_f): 0.76 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.60, H 6.89, N 11.26; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	12.0	48.2	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 17-09-2019

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