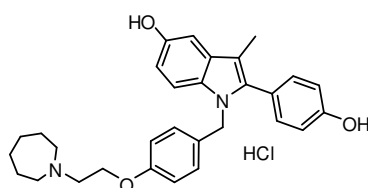




Certificate of Analysis

Axon Catalogue ID: 1748 **Batch Number:** 2
Product Name: Bazedoxifene hydrochloride
Alternative Name(s): TSE 424 hydrochloride; WAY 140424 hydrochloride
IUPAC Name: 1-(4-(2-(Azepan-1-yl)ethoxy)benzyl)-2-(4-hydroxyphenyl)-3-methyl-1H-indol-5-ol hydrochloride

Structure:



Amount:

CAS number(s): 198481-32-2 (parent), 198480-56-7 (HCl (1:1))
Molecular Formula: C₃₀H₃₄N₂O₃.HCl **Molecular Weight:** 507.06
Batch Molecular Formula: C₃₀H₃₄N₂O₃.HCl.0.5H₂O **Batch Molecular Weight:** 516.07
Appearance: Brown solid **Observed mp:** 167 - 168 °C
TLC (R_f): 0.48 DCM/MeOH/NH₃ (4:1:0.1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.82, H 7.03, N 5.43; Found: C 69.59, H 6.88, N 5.21
Storage Conditions: Store at +4 °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	38.0	73.6	
	EtOH			Not Tested

Remarks:

QC Date: 11-10-2019

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