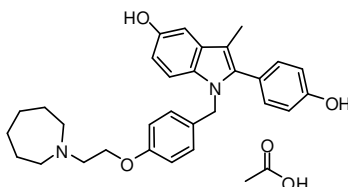




Certificate of Analysis

Axon Catalogue ID: 2051 **Batch Number:** 1
Product Name: Bazedoxifene acetate
Alternative Name(s): TSE 424; Viviant
IUPAC Name: 1-(4-(2-(Azepan-1-yl)ethoxy)benzyl)-2-(4-hydroxyphenyl)-3-methyl-1H-indol-5-yl acetate

Structure:



Amount:

CAS number(s): 198481-32-2 (parent), 198481-33-3 (acetate (1:1))
Molecular Formula: C₃₀H₃₄N₂O₃.C₂H₄O₂ **Molecular Weight:** 530.65
Batch Molecular Formula: C₃₀H₃₄N₂O₃.C₂H₄O₂ **Batch Molecular Weight:** 530.65
Appearance: White solid **Observed mp:** 165.6 - 168.2 °C
TLC (R_f): 0.13 (t) DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.43, H 7.22, N 5.28; Found: C 72.39, H 6.95, N 5.22
Storage Conditions: Desiccate 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	53.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 6-5-2020

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