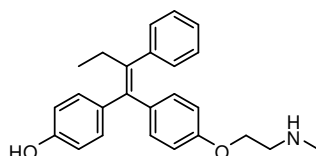




Certificate of Analysis

Axon Catalogue ID: 2221 **Batch Number:** 1
Product Name: (Z)-Endoxifen
Alternative Name(s): N.A.
IUPAC Name: (Z)-4-(1-(4-(2-(methylamino)ethoxy)phenyl)-2-phenylbut-1-enyl)phenol

Structure:



Amount:

CAS number(s): 112093-28-4
Molecular Formula: C₂₅H₂₇NO₂ **Molecular Weight:** 373.49
Batch Molecular Formula: C₂₅H₂₇NO₂·0.1H₂O **Batch Molecular Weight:** 375.29
Appearance: White solid **Observed mp:** 147 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 80.01, H 7.31, N 3.73; Found: C 79.97, H 7.42, N 3.71
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	18.0	48.0	
	DMSO	34.0	90.6	
	EtOH			Not Tested

Remarks:

QC Date: 07-08-2019

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