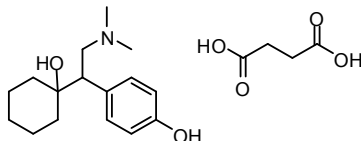




Certificate of Analysis

Axon Catalogue ID: 2116 **Batch Number:** 1
Product Name: O-Desmethylvenlafaxine succinate
Alternative Name(s): DVS 233 succinate
IUPAC Name: 4-(2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl)phenol succinate

Structure:



Amount:

CAS number: 448904-47-0
Batch Molecular Formula: C₁₆H₂₅NO₂.C₄H₆O₄.1.1H₂O **Batch MW:** 401.27
Appearance: White solid **Observed mp:** 125 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 100.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.86 , H 8.34 , N 3.49 Found: C 60.17 , H 8.82 , N 3.48
Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	25.0	62.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-10-2013

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