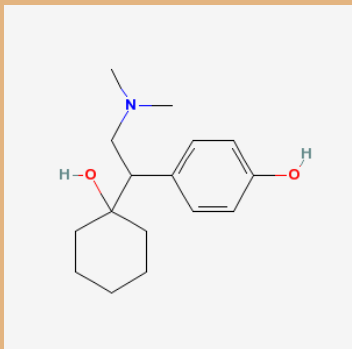


Bioanalytical Method Summary

Determination of venlafaxine and its major metabolite o-desmethylvenlafaxine in human plasma samples by HPLC with fluorescence detection

Xendo method code	AI0195
Compound	o-Desmethylvenlafaxine
Structure	
Molecular Formula and weight	C16 H25 N O2, 263.38 Da
Internal standard	Maprotiline
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	25.0 - 500 ng/mL
Required sample volume	1000 µL
Sample preparation	LLE (back-extraction) with ethylacetate/hexaan)
Quantitation method	HPLC-FL

Assay Performance

Precision & Accuracy		
concentration ng/mL	bias (%)	overall CV (%)
25.0	-1.0	4.8
60.0	1.9	5.5
250	-3.2	9.2
400	-7.1	9.4

Stability etc.	
Dilution factor	10
Over-curve	4000 ng/mL
F/T cycles	3
Autosampler	24 hours
Benchtop RT	
Extract 2-8 C	

Contact

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