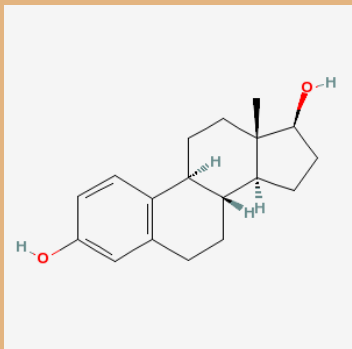


Bioanalytical Method Summary

Determination of estradiol(E2), 2-methoxy estradiol (2MEOE) and 4-hydroxy estradiol (4OHE) in mouse liver samples by LC-MS/MS

Xendo method code	AI0434
Compound	17-beta-Estradiol
Structure	
Molecular Formula and weight	C18 H24 O2, 272.4 Da
Internal standard	Estradiol-d3
Species and Matrix	mouse liver
Calibration range (LLQ-HLQ)	25.0 - 5000 pg/mL
Required sample volume	500 µL
Sample preparation	LLE after homogenising with ultra turax
Quantitation method	LC-MS/MS

Assay Performance

Precision & Accuracy			Stability etc.	
concentration pg/mL	bias (%)	overall CV (%)	Dilution factor	
			Over-curve	
			F/T cycles	
			Autosampler	
			Benchtop RT	
			Extract 2-8 C	

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