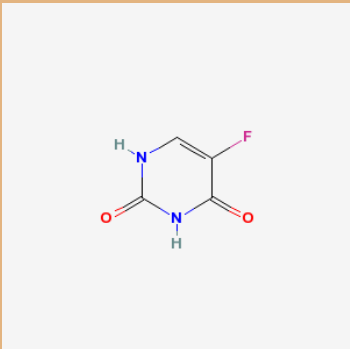


Bioanalytical Method Summary

Determination of capecitabine, doxifluridine and 5-fluorouracil in human EDTA plasma samples by LC-MS/MS

Xendo method code	AI0389
Compound	5-Fluororacil
Structure	
Molecular Formula and weight	C ₄ H ₃ FN ₂ O ₂ , 130.08 Da
Internal standard	5-Chlorouracil
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	5.00 - 2000 ng/mL
Required sample volume	100 µL
Sample preparation	LLE with ACN/ethylacetate
Quantitation method	LC-MS/MS

Assay Performance

Precision & Accuracy		
concentration ng/mL	bias (%)	overall CV (%)
5.00	3.8	17.6
15.0	7.9	7.2
1000	-2.2	5.1
1600	-4.6	5.9

Stability etc.	
Dilution factor	5
Over-curve	8000 ng/mL
F/T cycles	3
Autosampler	16 hours (10°C)
Benchtop RT	
Extract 2-8 C	3 days

Contact

Marion Kranenborg, Ph.D.
Manager Bioanalysis and Drug Metabolism
marion.kranenborg@xendo.com

Jelle Hempenius
Senior Director Business Development
jelle.hempenius@xendo.com

Company address

Xendo Drug Development B.V.
P.O. Box 137
NL-9700 AC Groningen
The Netherlands
tel +31-50-3048000
<http://www.xendo.com>