

# HPLC Application

ID No.: 25589

## Analysis of Uracil and metabolites on Kinetex 2.6 µm PS C18 150x3.0 Column

**Column:** Kinetex<sup>®</sup> 2.6 µm PS C18 100 Å, LC Column 150 x 3 mm, Ea

**Dimensions:** 150 x 3 mm ID

**Order No:** 00F-4780-Y0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic acid in Water

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	93	7
	2	6	93	7
	3	6.01	50	50
	4	7	50	50
	5	7.01	93	7
	6	12	93	7

**Flow Rate:** 0.2 mL/min

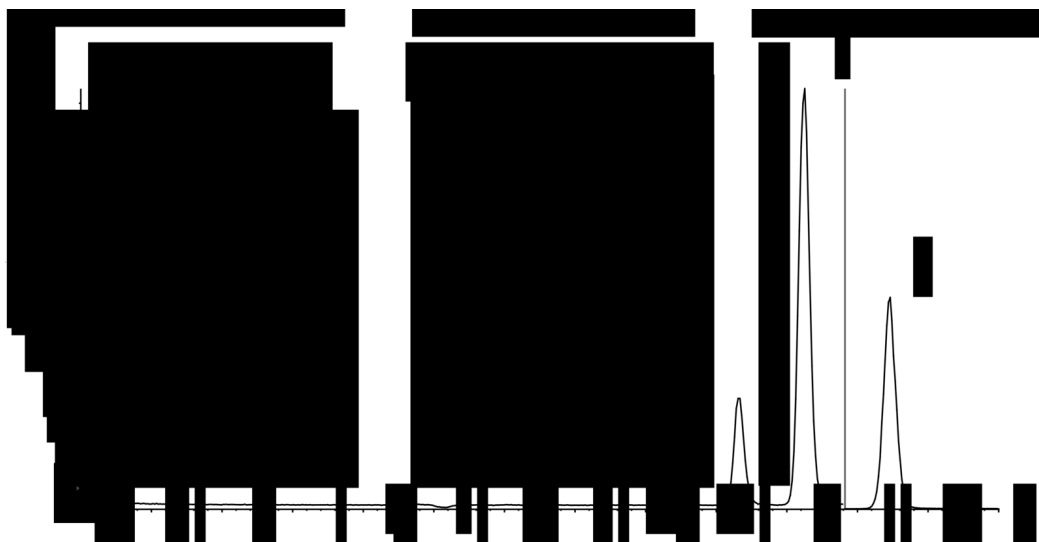
**Col. Temp.:** 15 °C

**Detection:** LC/MS/MS @ 0.0000000000 m/z (mass per charge) (15 °C)

**Analyst Note:** Analyte diluted with initial mobile phase



Products used in this application:



### ANALYTES:

- 1 5,6-dihydrouracil (UH2)  
Retention Time: 4.6 min
- 2 Uracil  
Retention Time: 5.1 min
- 3 5-fluorouracil  
Retention Time: 5.7 min

