

11.849

8.738

6.103

6.088

6.073

5.285

5.274

5.243

5.232

5.221

4.262

4.251

4.239

3.835

3.826

3.819

3.660

3.649

3.641

3.610

3.602

3.600

3.592

3.348

2.510

2.506

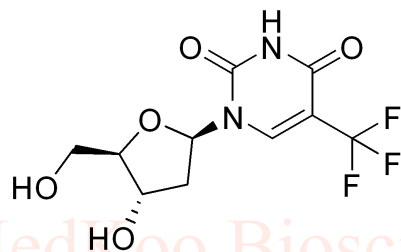
2.501

2.219

2.204

Trifluridine HNMR Analysis, Solvent = d6-DMSO

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MedKoo Cat#: 206038

Name: Trifluridine

CAS#: 70-00-8.

Lot#: A7T12K31

Chemical Formula: C₁₀H₁₁F₃N₂O₅

Exact Mass: 296.06201

Molecular Weight: 296.20

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1.00

1.00

1.00

0.99

1.00

1.01

2.02

1.99

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10.0

5.0

0.0

ppm (t1)

MedKoo Biosciences

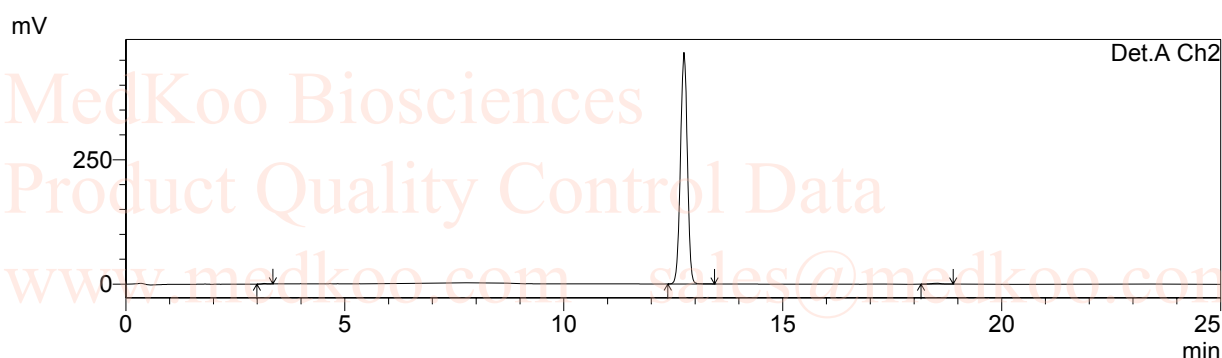
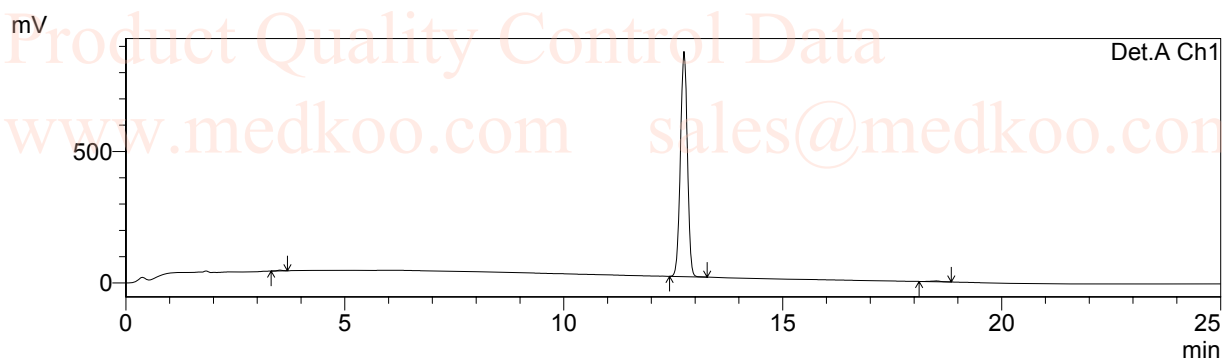
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Trifluridine HPLC Analysis

Column : Inertil ODS-3, 5um 4.6*150mm
 Mobile phase : Solvent A: H2O(0.05%TFA) Solvent B:MeOH
 Temperature : 40 °C
 Flow rate : 1mL/min
 Run time : 3min gradient(60%B), 15min gradient (60%-85%B),5 min(85%B),then 2min @(60%B)
 Detector : UV
 Wavelength : 220/245 nm
 User name : 70-00-8
 Notebook page :
 Sample description : 2 mg in ACN
 Injection Volume : 2 uL

Data File Name : 70-00-8.lcd
 Method File Name : 70-00-8.lcm
 Batch File Name : 70-00-8.lcb

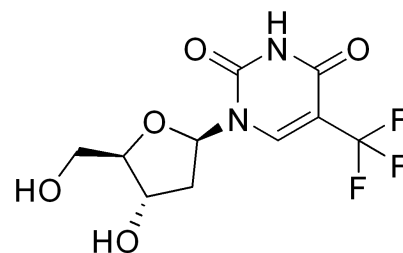


1Det.A Ch1/220nm
 2Det.A Ch2/245nm

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	3.510	22388	0.234	4539.552
2	12.742	9513932	99.287	28769.534
3	18.503	45950	0.480	37165.747
Total		9582270	100.000	



PeakTable

Detector A Ch2 245nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	3.156	7353	0.142	4867.607
2	12.742	5128490	99.312	29273.175
3	18.511	28167	0.545	34647.514
Total		5164009	100.000	

MedKoo Cat#: 206038

Name: Trifluridine

CAS#: 70-00-8.

Lot# :A7T12K31

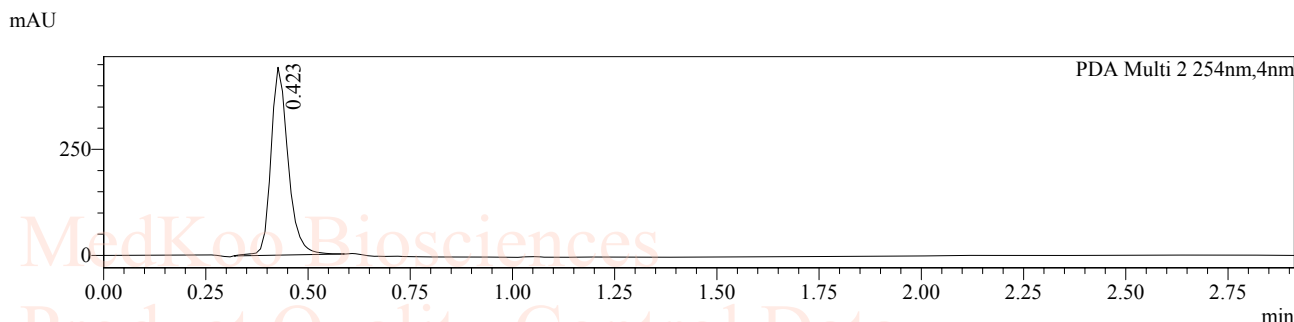
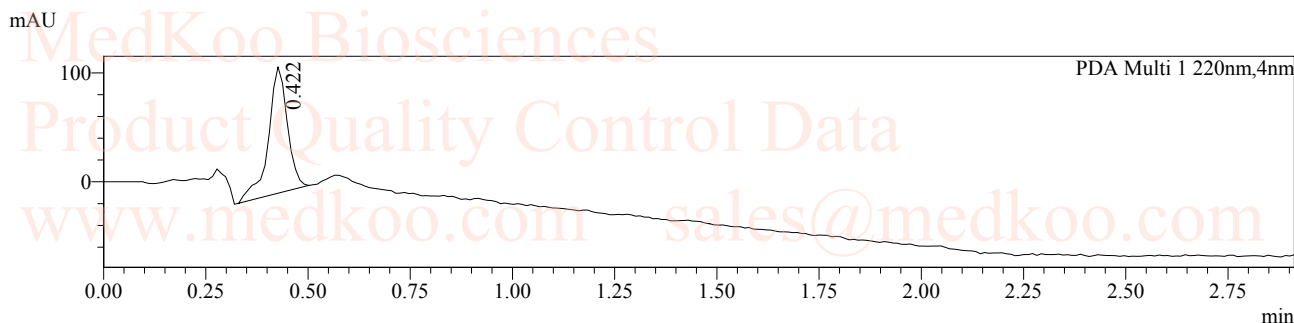
Chemical Formula: C10H11F3N2O5

Exact Mass: 296.06201

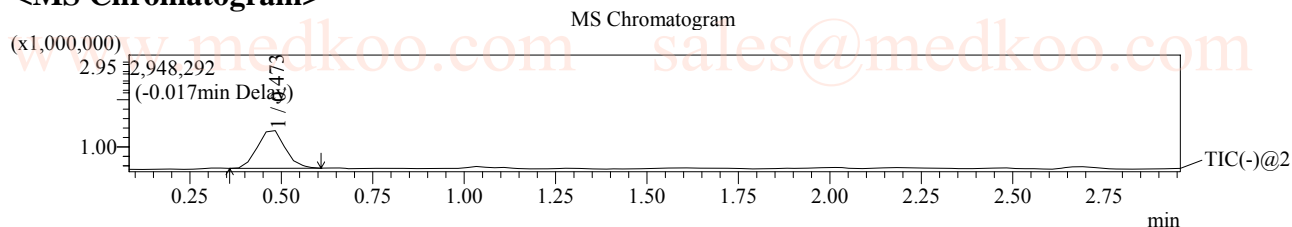
Molecular Weight: 296.20

Trifluridine LC/MS Analysis

LC-MS condition
Column : Chromolith SpeedROD ,RP-18e,50*4.6mm LCMS-002
Mobile Phase : A: H2O(0.05%FA)
 B: CH3CN
Temperature : 35°C
Flow rate : 2.5mL/min
Run time : 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B
Injection volume : 5 uL
Detector : UV 220/254nm
Mass range : 100-1000
Scan : Postive/Negative
User Name : 70-00-8
Data Filename : 70-00-8.lcd

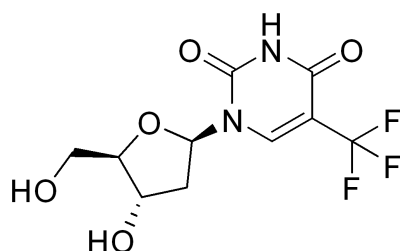
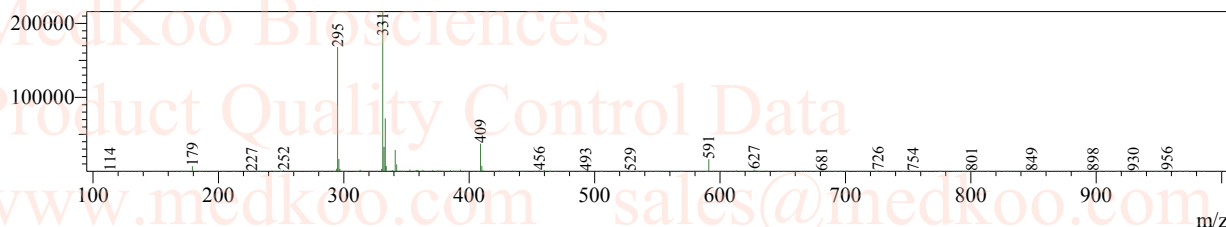


<MS Chromatogram>



MS Spectrum

Peak#:1 R.Time:0.473(Scan#:32)
MassPeaks:471
Spectrum Mode:Averaged 0.442-0.492(30-34)
BG Mode:Calc Segment 1 - Event 2



MedKoo Cat#: 206038

Name: Trifluridine

CAS#: 70-00-8.

Lot# :A7T12K31

Chemical Formula: C10H11F3N2O5

Exact Mass: 296.06201

Molecular Weight: 296.20