



4-Hydroxy-L-Isoleucine Analysis in Natural Products

1. Analytical Condition

YL9100 HPLC

Mobile Phase : Gradient (A = 40mM NaH₂PO₄, pH=7.8,
B = ACN : MeOH : UPW = 45 : 45 : 10)

Flow rate : 1.5 mL/min

Column : Sunfire C18 (4.6 * 150 mm, 5 μm)

Detector : UV/Vis, 338 nm

Column Temp. : 35 °C

Injection volumn: 20 μL

<Gradient Program>

Time(min)	A(%)	B(%)
Initial	95	5
31	44	56
33	0	100
34	0	100
38	100	0
40	100	0

2. Chromatogram

