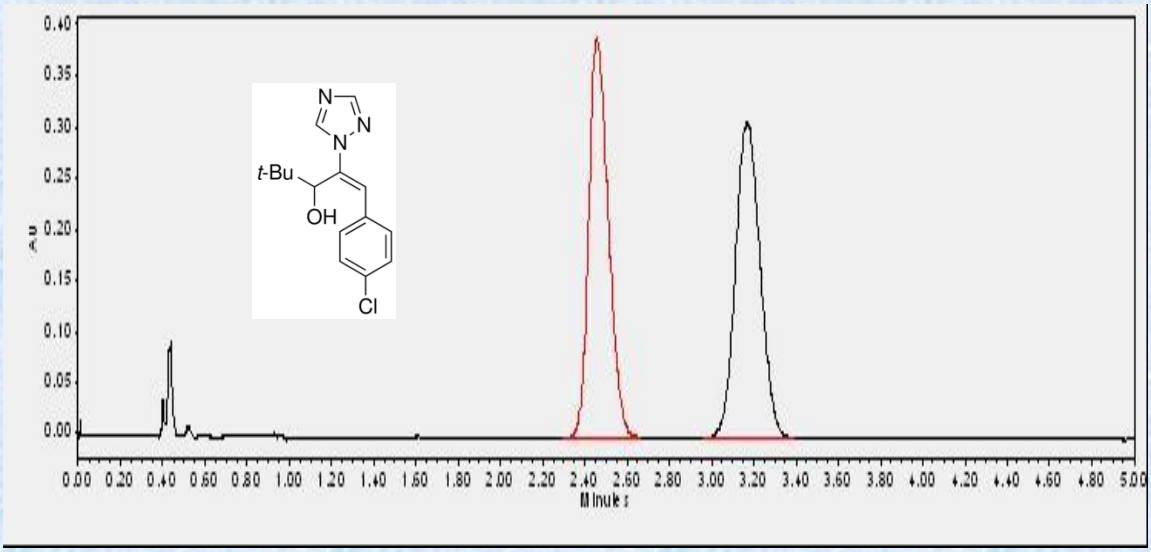
Analysis of Uniconazole on Epitomize CSP-1A by SFC



Sample	Uniconazole [140103-01]		
Use	Plant growth regulator		
Column	Epitomize CSP-1A, 3 micron		
Column Size	3.0 x 50 mm		
Mobile Phase	90/10 CO_2/Methanol		
Flow Rate	0.80 mL/min	**Rt1 & Rt2**	2.46 min & 3.17 min
Temperature	35 °C	**k1 & k2**	4.90 & 6.61
Detection	UV at 230 nm	**Separation Value**	1.35
Injection	1 µL (1 mg/mL)	**Resolution**	3.72

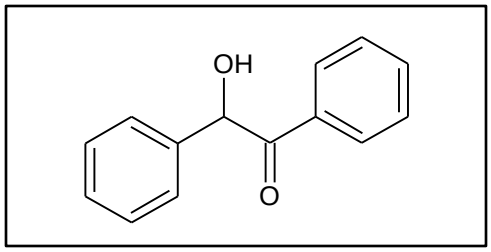
Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

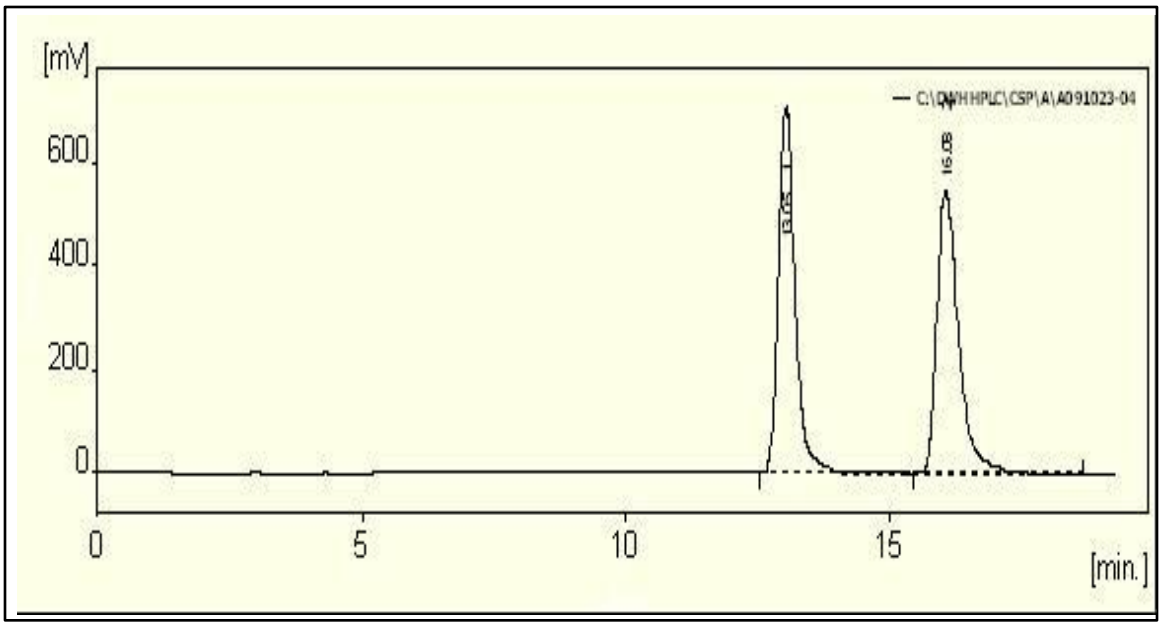
Tel.: 630-210-8300
Fax: 630-210-8315
www.orochem.com

Benzoin

Use: Benzil precursor

Epitomize™ CSP-1A, 5 µm





Column	CSP-1A, 5 micron, 4.6 x 250 mm
Mobile Phase	90/10 heptane/2-propanol
Flow Rate (mL/min)	1.0
Temperature (°C)	25
Detection	UV at 254 nm
Rt1 & Rt2 (min)	13.06 & 16.08
k1 & k2	3.50 & 4.54
Separation Value	1.30

Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

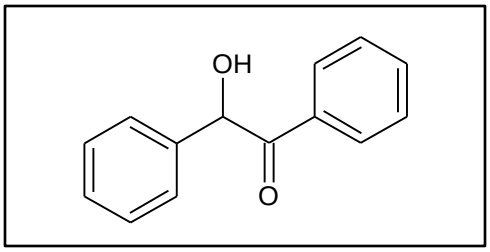
OROCHEM Molecular Purification by Design

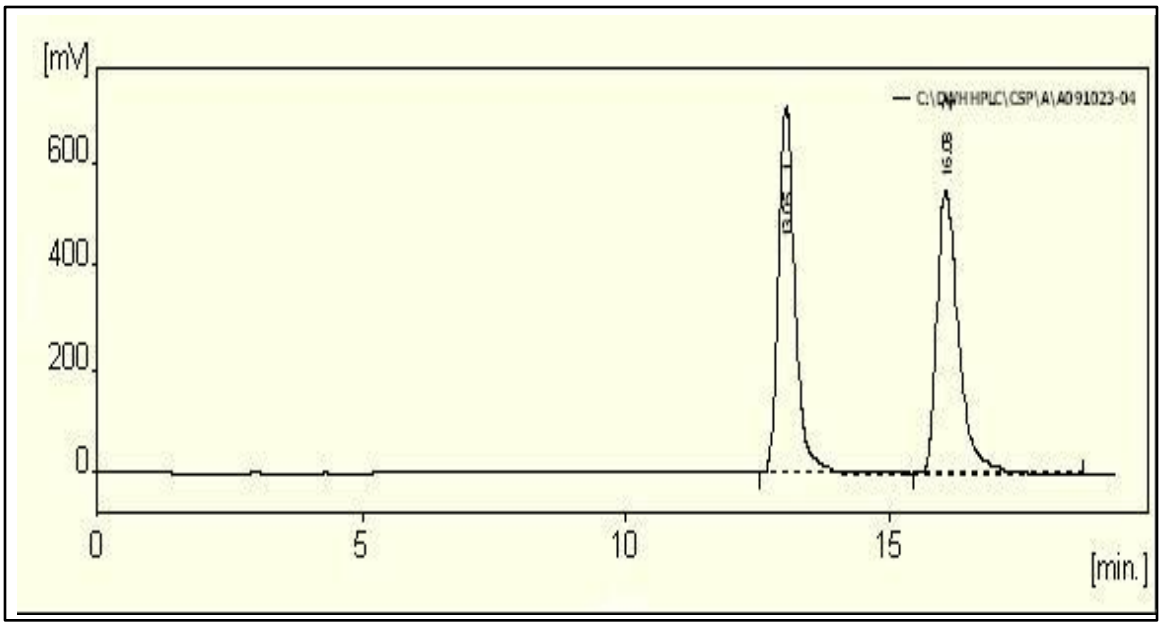
Tel.: 630-210-8300
Fax: 630-210-83150250
www.orochem.com

Benzoin

Use: Benzil precursor

Epitomize™ CSP-1A, 5 µm





Column	CSP-1A, 5 micron, 4.6 x 250 mm
Mobile Phase	90/10 heptane/2-propanol
Flow Rate (mL/min)	1.0
Temperature (°C)	25
Detection	UV at 254 nm
Rt1 & Rt2 (min)	13.06 & 16.08
k1 & k2	3.50 & 4.54
Separation Value	1.30

Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

OROCHEM Molecular Purification by Design

Tel.: 630-210-8300
Fax: 630-210-83150250
www.orochem.com