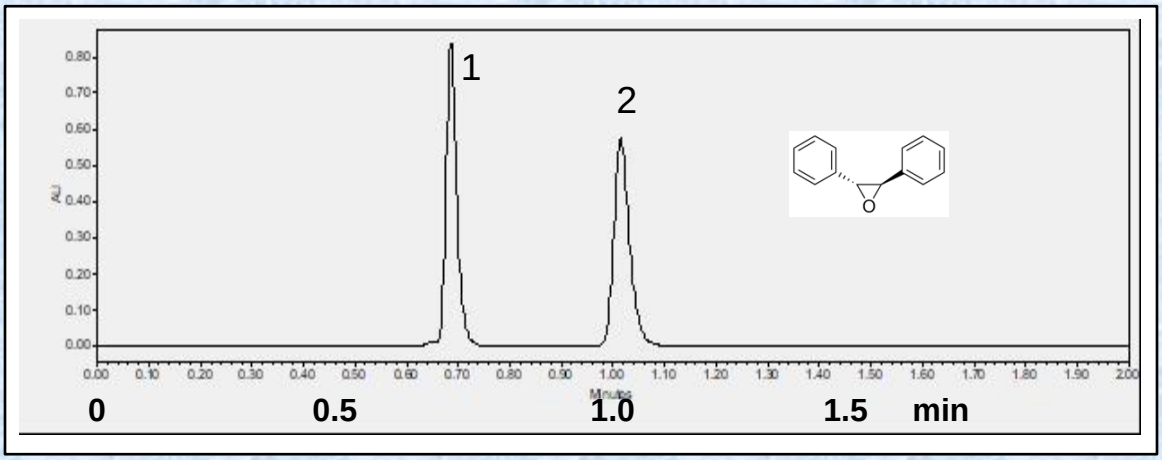
Chiral Applications Library

Application Note: UCEP-1Z-18070

Separation of *trans*-Stilbene Oxide on Epitomize CSP-1Z by UHPLC



Sample	*trans*-Stilbene Oxide [D18865]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-1Z, 3 micron, 3.0 x 50 mm		
Mobile Phase	90/10 Heptane/2-propanol		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	0.69 & 1.02
Temperature	25 ^{o}C	**k1 & k2**	0.34 & 0.99
Detection	UV at 230 nm	**Separation Value**	2.87
Injection	0.20 µL (1 mg/mL)	**Resolution**	7.27

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