

# HPLC Application

ID No.: 23179

## Brinzolamide and Related A on Lux Amylose-1 USP Mobile Phase

**Column:** Lux<sup>®</sup> 5 µm Amylose-1, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4732-E0

**Elution Type:** Isocratic

**Eluent A:** hexane 0.2%DEA

**Eluent B:** Ethanol 0.2%DEA

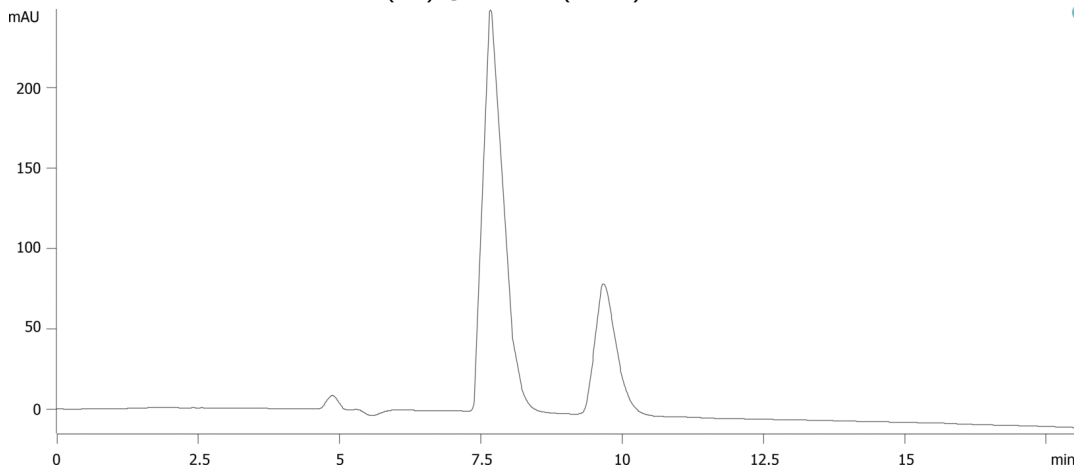
**Eluent C:** Methanol 0.2%DEA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	50	45	5

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)



Products used in this application:



### ANALYTES:

- 1** brinzolamide  
Retention Time: 6.811 min
- 2** Related Compound A  
Retention Time: 8.583 min