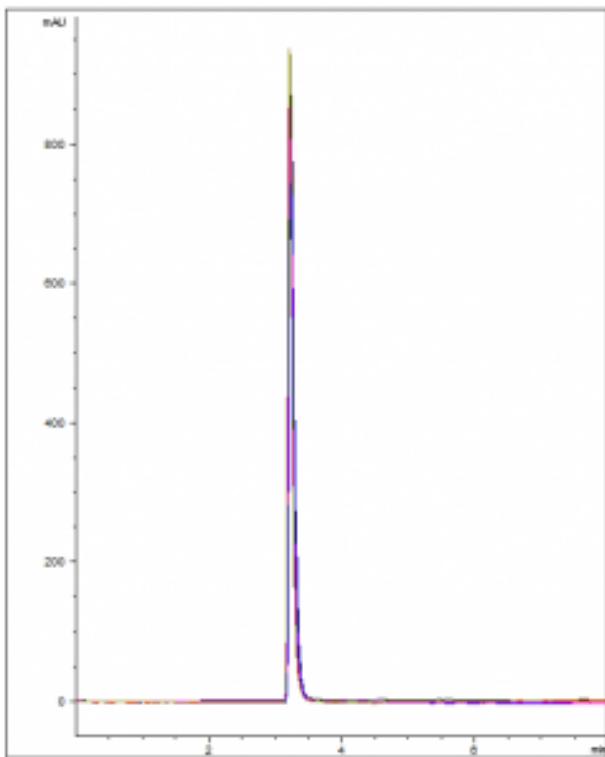




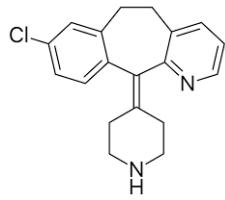
## Desloratadine Assay with HPLC – AppNote

### Alternate L1 Column used for HPLC Method of Desloratadine

This Desloratadine Assay is easily performed and the five injection overlay below demonstrates Run to Run consistency and Precision. The Peak Efficiency is very good and Peak Tailing guidelines are easily met with RSD values below 0.3%. This demonstrates a good alternate Column for your Desloratadine Method.



#### Peak:



Desloratadine

#### Method Conditions:

**Column:** Cogent Hyper Similars C18™, 5um, 150Å

**Catalog No.:** [62518-25P](#)

**Dimensions:** 4.6mm x 250mm

**Mobile Phase:** 25:75 Acetonitrile / DI Water

**Injection vol.:** 2 $\mu$ L

**Flow rate:** 1.0mL / minute

**Detection:** UV @ 280nm

**Sample Preparation:** Desloratadine 1.0mg / mL in (50:50) Acetonitrile / DI Water

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**Note 1:** Desloratadine is an antihistamine used to relieve allergy symptoms such as hives, watery eyes, runny nose, itching eyes/nose, sneezing, and itching.

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**Note 2:** The Cogent Hyper Similars C18™ performs very similarly to the ThermoFisher® Hypersil BDS C18®.

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