

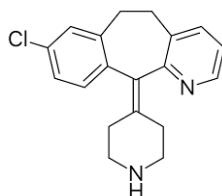
Desloratadine Assay with HPLC – AppNote

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 Similar C18™, 5µm, 150Å

Catalog No.: 62518-25P

Dimensions: 4.6mm x 250mm

Mobile Phase: 25:75 Acetonitrile / DI Water

Injection vol.: 2µL

Flow rate: 1.0mL / minute

Detection: UV @ 280nm

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

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

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



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