

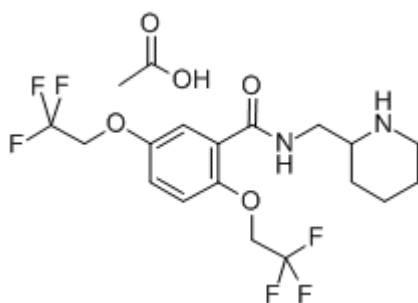
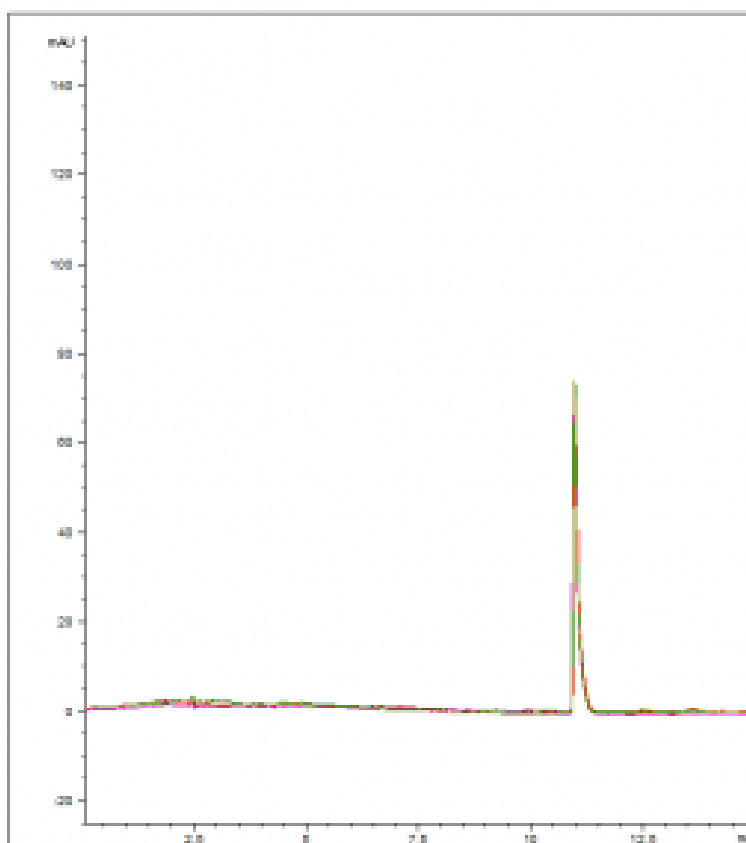
Flecainide Acetate USP assay with HPLC - INTERNAL ONLY

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Alternate column used for a similar USP assay method of flecainide acetate

This Similar USP Flecainide Acetate is easily performed, and the 10 injections overlay below demonstrates run to run consistency and great peak symmetry. The peak efficiency is very good and peak tailing guidelines are easily met with RSD values of less than 1.0%.

This demonstrates a good alternate column for your Flecainide Acetate USP method.



Peak:

Flecainide Acetate

Method Conditions:

Column: Cogent RP C18™, 5µm, 100Å

Catalog No.: [68518-15P](#)

Dimensions: 4.6mm x 150mm

Mobile Phase:

A: 0.1 M ammonium acetate in water. Adjust with acetic acid to a pH of 5.4.

B: Acetonitrile

Time (minutes)	%B
0	25
7	55
12	55
12.1	25
15	25

Diluent: Acetonitrile and water (25:75)

Injection vol.: 10µL

Flow rate: 1.0mL / minute

Detection: UV @ 298nm

Column temperature: 25°C

Sample Preparation: 0.2 mg / mL of flecainide acetate in diluent

Tailing factor: NMT 2.0

Relative standard deviation: NMT 0.73%

Note 1: For the full method conditions and details, consult the official United States Pharmacopeia–National Formulary (USP–NF.)

Note 2: Flecainide Acetate inhibits the action of sodium and potassium ion channels in the heart, which raises the threshold for depolarization and correcting arrhythmias.



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MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com