

Valganciclovir Hydrochloride USP Assay with HPLC- INTERNAL ONLY

Date: 15-SEPTEMBER-2022 Last Updated: 1-DECEMBER-2025

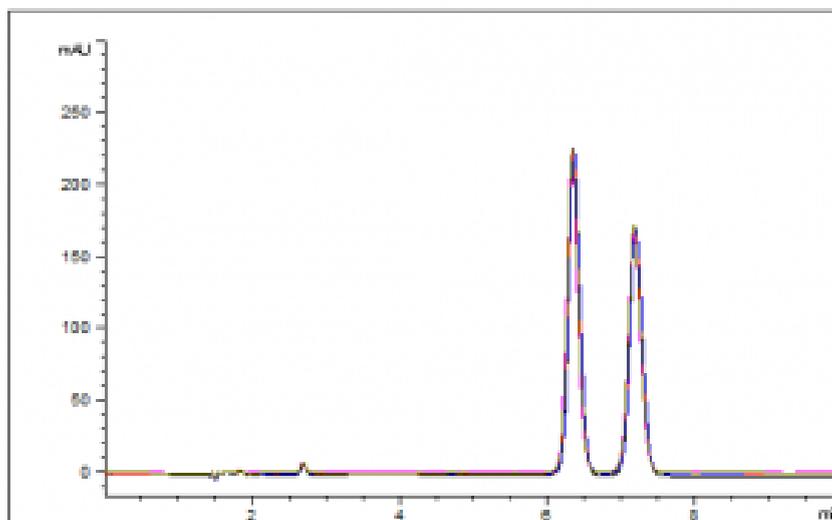
CONFIDENTIAL – This method uses a published USP method that is copyrighted by USP.
INTERNAL ONLY .

Click [here](#) for public AppNote.

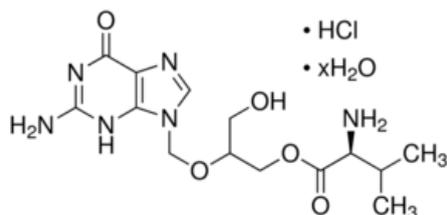
Alternate column used for a similar USP assay method of Valganciclovir Hydrochloride

This Similar USP Valganciclovir Hydrochloride is easily performed and the 10 injection 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 Valganciclovir Hydrochloride USP method.



Peak:



Diastereomers Valganciclovir Hydrochloride

Met hod Conditions:

Column: Cogent RP C18™, 5µm, 100Å

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

Dimensions: 4.6mm x 150mm

Mobile Phase:

Buffer: 0.10 M Monobasic ammonium phosphate

Mobile phase: Buffer and Methanol (92:8)

Diluent: 0.001 N hydrochloric acid

Injection vol.: 20µL

Flow rate: 1.0mL / minute

Detection: UV @ 254nm

Column temperature: 25°C

Sample Preparation: 0.2 mg/ mL of Valganciclovir Hydrochloride in Diluent

%RSD of 10 injections: <1.0%

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

Note 2: Valganciclovir Hydrochloride is an antiviral prescription medicine for the treatment of cytomegalovirus retinitis (CMV retinitis) in adults with AIDS. It is also used for the prevention of CMV disease in recipients of organ transplants who are at risk for CMV diseases.



Printed from the Chrom Resource Center

Copyright 2025, All Rights Apply

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