Valganciclovir Hydrochloride USP assay with HPLC- INTERNAL ONLY

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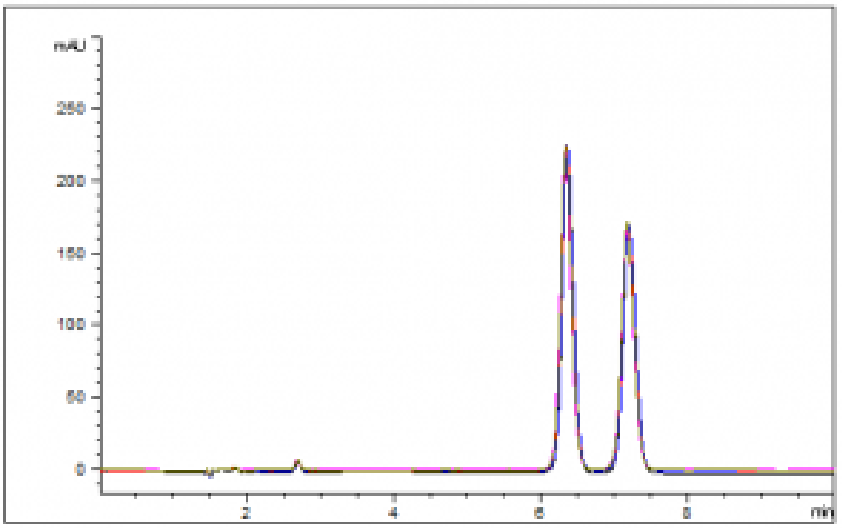
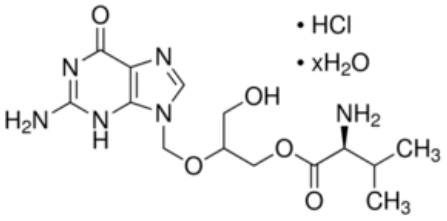
Alternate column used for a similar USP assay method of Valganciclovir Hydrochloride

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

Method Conditions:

Column: Cogent RP C18™, 5um, 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.*

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