

1. Identification

Catalogue Number

D288725

Lot Number

20-MGG-43-4

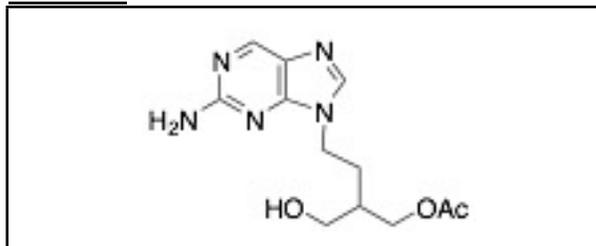
Product Name

Desacetyl Famciclovir

Synonyms

2-[2-(2-Amino-9H-purin-9-yl)ethyl]-1,3-propanediol 1-Acetate; BRL 43594; USP Famciclovir Related Compound B

Structure



CAS Number

104227-88-5

Solubility

DMSO (Slightly, Heated), Methanol (Slightly, Heated, Sonicated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₇N₅O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

279.3

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.63, %H: 6.24, %N: 25.03

HPLC Purity

>95%

98.38% (309 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+0.5° (c = 0.2, Methanol)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Meenakshi Sharma
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Jr. Quality Assurance

Test Date

2/17/2022

Retest Date

2/15/2026