

Product Information

Compound Name

Linagliptin Impurity 78

Synonyms

(R,E)-8-(3-aminopiperidin-1-yl)-1-((4-ethylquinazolin-2-yl)methyl)-7-(4-hydroxy-3-methylbut-2-en-1-yl)-3-methyl-1H-purine-2,6(3H,7H)-dione

Chemical Formula

C₂₇H₃₄N₈O₃

Molecular Weight

518.61

Catalogue Number

L0039.82

Lot No.

YJL-823-21

Long-Term Storage Conditions

2-8 °C

Shipping Conditions

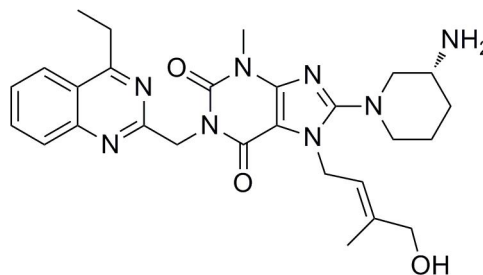
Ambient

Appearance

White Solid

Test Date: July. 10, 2023

Re-test Date: July. 09, 2026



CAS No. : N/A

Analytical Information

Solubility

MeOH, DMSO

Weight Loss by TGA

2.12%

Method for Determining Identity

MS, ¹H NMR (CD₃OD), TGA

Purity (HPLC)

98.45%

Potency

96.36%

QA Manager

Laboratory Director

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CERTIFICATE OF ANALYSIS