

1. Identification

Catalogue Number

TRC-S491015

Lot Number

10-JUZ-30-3

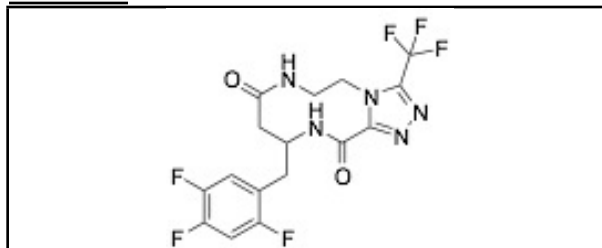
Product Name

Sitagliptin Triazecine Analog

Synonyms

10-(2,4,5-Trifluorobenzyl)-3-(trifluoromethyl)-6,7,10,11-tetrahydro-[1,2,4]triazolo [3,4-c][1,4,7]triazecine-8,12(5H,9H)-dione

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly, Sonicated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₁₃F₆N₅O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

421.30

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.37% (210 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+0.2° (c = 0.5, 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



Henry Tieu

Product Quality Specialist

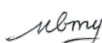
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



My Nguyen

Quality Assurance Associate

Test Date

8/10/2020

Retest Date

8/8/2024