



1. Identification

Catalogue Number

R701998

Lot Number

10-MMH-128-5

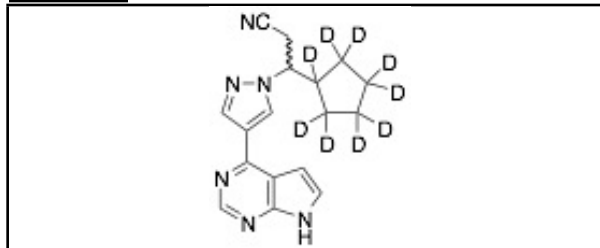
Product Name

rac-Ruxolitinib-d9 (major)

Synonyms

β -Cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazole-1-propanenitrile-d9; INCB 018424-d9

Structure



CAS Number

2469553-67-9

Solubility

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₇H₉D₉N₆

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

315.42

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.44% (310 nm)

MS

Conforms to Structure

Conforms

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 2.83%, d₈ = 36.18%, d₉ = 60.99%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

Neha Khanna

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

5/2/2023

Retest Date

4/30/2030