

**1. Identification**Catalogue Number

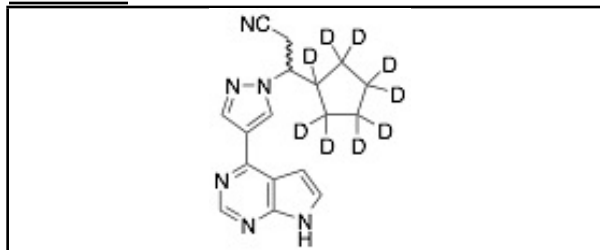
R701998

Lot Number

22-MGG-142-3

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-d9StructureCAS Number

2469553-67-9

Solubility

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

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₇H₉D₉N₆Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

315.42

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.28, %H: 5.76, %N: 26.52

HPLC Purity

>95%

97.18% (225 nm)

MS

Conforms to Structure

Conforms

Additional InformationNormalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 2.90%, d₈ = 37.65%, d₉ = 59.45%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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/27/2023

Retest Date

7/25/2027