

**1. Identification**Catalogue Number

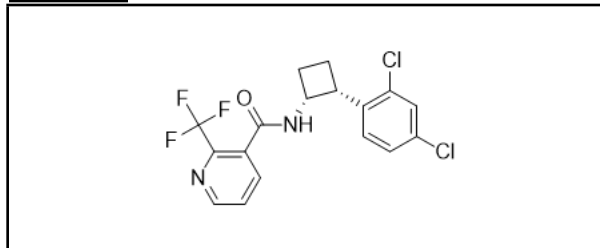
C564850

Lot Number

36-JHY-172-1

Product Name

Cyclobutrifluram

StructureSynonyms

rel-N-[(1R,2R)-2-(2,4-Dichlorophenyl)cyclobutyl]-2-(trifluoromethyl)-3-pyridinecarboxamide; cis-N-(2-(2,4-Dichlorophenyl)cyclobut-1-yl)-2-trifluoromethyl-3-pyridinecarboxamide; cis-N-(2-(2,4-Dichlorophenyl)cyclobutan-1-yl)-2-trifluoromethylpyridine-3-carboxamide; Cyclobutrifluram; N-[Rac-(1S,2S)-2-(2,4-dichlorophenyl)cyclobutyl]-2-(trifluoromethyl)nicotinamide

CAS Number

1460292-16-3

Solubility

Chloroform (Slightly), Methanol
(Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C17H13Cl2F3N2O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

389.2

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.11, %H: 3.26, %N: 7.13

HPLC Purity

>95%

99.70% (230 nm)

MS

Conforms to Structure

Conforms

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 $\pm 2\%$. 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. SignaturesReviewed by

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

1/29/2024

Retest Date

1/27/2028