

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML012008-01)

**Release Date:** 07/06/2025

**Re-test Date:** 06/06/2028

## **Leflunomide Related Compound C**

### **Identification**

**Chemical Name :**

5-Methyl-N-(3-(trifluoromethyl)phenyl)isoxazole-4-carboxamide

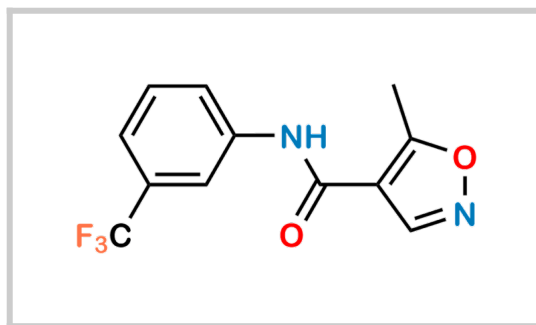
**Alt. Name** : Leflunomide USP Related Compound C

**CAT No.** : KML012008

**CAS No.** : 61643-23-0

**Molecular Formula** : C<sub>12</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 270.2



### **Analytical Information**

**Batch No.** : L012008-102-060

**Description** : Off White Solid

**HPLC Purity** : 98.68 %

**Weight Loss By TGA** : 0.17 %

**% Potency** : 98.51 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.17(Weight Loss By TGA)] x [98.68(HPLC Purity)]/100 = 98.51 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/06/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA