

# CERTIFICATE OF ANALYSIS

(Certificate No. KML012008-02)

Release Date: 01/04/2026

Re-test Date: 31/03/2029

## Leflunomide Related Compound C

### Identification

**Chemical Name :**

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

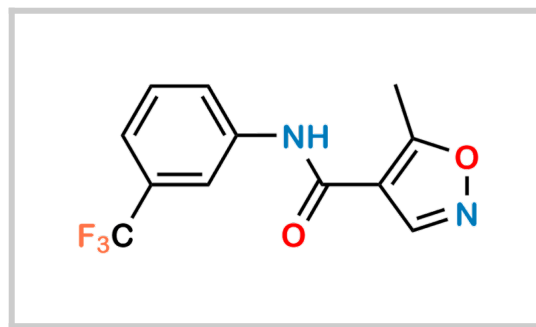
**Alt. Name** : Leflunomide USP Related Compound C

**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.** : L012008-114-235

**Description** : Off White Solid

**HPLC Purity** : 99.52 %

**Weight Loss By TGA** : 0.29 %

**% Potency** : 99.23 %

**Solubility** : ACN

**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 - 0.29(Weight Loss By TGA)] x [99.52(HPLC Purity)]/100 = 99.23 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		02/04/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		02/04/2026

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