

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT008009-01)

Release Date: 05/01/2026

Re-test Date: 04/01/2029

## Teriflunomide Stage-II A

### Identification

**Chemical Name :**  
5-Methyl-N-[4-(trifluoromethyl)phenyl]isoxazole-4-carboxamide

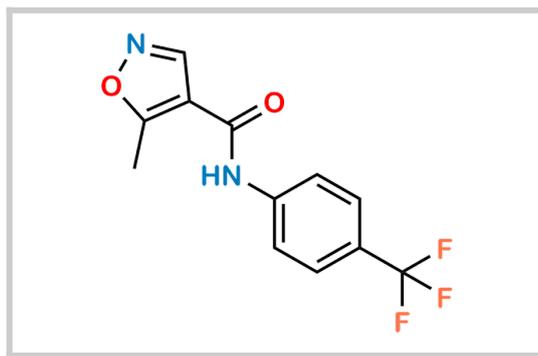
**Alt. Name :** Leflunomide

**CAT No. :** KMT008009

**CAS No. :** 75706-12-6

**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. :** TER-IMP-12-030-396

**Description :** Off White Solid

**HPLC Purity :** 96.40 %

**Weight Loss By TGA :** 0.94 %

**% Potency :** 95.49 %

**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 =**  $[100 - 0.94(\text{Weight Loss By TGA})] \times [96.40(\text{HPLC Purity})]/100 = 95.49 \%$   
-Re-tested on 05.01.2026

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		08/01/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		08/01/2026

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