

# CERTIFICATE OF ANALYSIS

(Certificate No. KML012010-01)

Release Date: 05/01/2026

Re-test Date: 04/01/2029

## Leflunomide EP Impurity E

### Identification

**Chemical Name :**

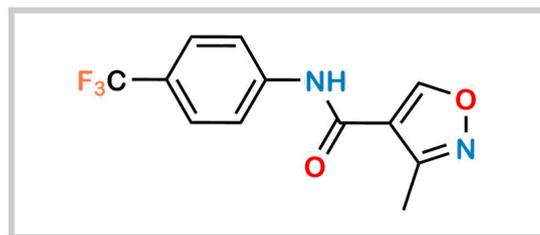
3-Methyl-N-(4-(trifluoromethyl)phenyl)isoxazole-4-carboxamide

CAT No. : KML012010

CAS No. : 208401-20-1

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. : LEF-EP-E-030-244

Description : Off White Solid

HPLC Purity : 98.53 %

Weight Loss By TGA : 0.32 %

% Potency : 98.21 %

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 - 0.32(Weight Loss By TGA)] x [98.53(HPLC Purity)]/100 = 98.21 %

-Re-tested on 05.01.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		08/01/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA