

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS008038-01)

Release Date: 21/07/2023

Re-test Date: 20/07/2026

## Sorafenib Impurity F

### Identification

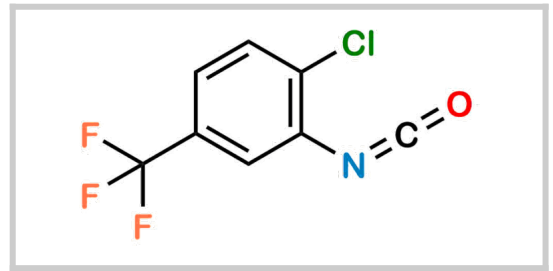
**Chemical Name :**  
1-Chloro-2-isocyanato-4-(trifluoromethyl)benzene

**CAT No. :** KMS008038

**CAS No. :** 50528-86-4

**Molecular Formula :** C<sub>8</sub>H<sub>3</sub>ClF<sub>3</sub>NO

**Molecular Weight :** 221.6



### Analytical Information

**Batch No. :** SOR-4TF-ISO-045-209

**Description :** Colorless Liquid

**HPLC Purity :** 99.68 %

**Weight Loss By TGA :** 6.29 %

**% Potency :** 93.41 %

**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 - 6.29(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 93.41 %

**Remarks :** COA Re-generated on 25.12.2024

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		25/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/12/2024

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