

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS008039-01)

Release Date: 26/12/2024

Re-test Date: 25/12/2027

## Sorafenib Impurity D

### Identification

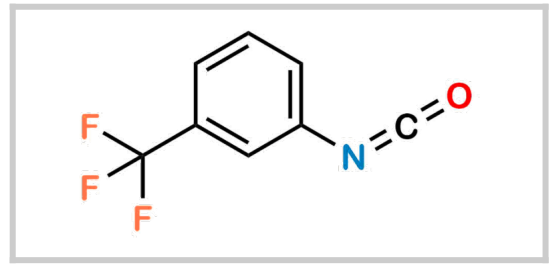
**Chemical Name :**  
1-Isocyanato-3-(trifluoromethyl)benzene

**CAT No.** : KMS008039

**CAS No.** : 329-01-1

**Molecular Formula** : C<sub>8</sub>H<sub>4</sub>F<sub>3</sub>NO

**Molecular Weight** : 187.1



### Analytical Information

**Batch No.** : S008039-091-094

**HPLC Purity** : 99.99 %

**Weight Loss By TGA** : 0.37 %

**% Potency** : 99.62 %

**Solubility** : Acetonitrile

**Mass** : Not Supported

**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 - 0.37(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.62 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		26/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		26/12/2024

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