

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS008039-01)

Release Date: 26/12/2024

Re-test Date: 25/12/2027

## Sorafenib Impurity D

### Identification

**Chemical Name :**

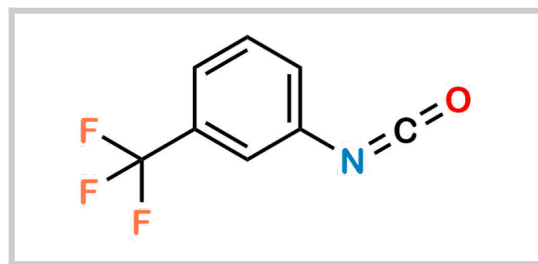
1-Isocyanato-3-(trifluoromethyl)benzene

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
Prepared By	Analytical	Parag Patel		26/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/12/2024

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