

CERTIFICATE OF ANALYSIS

(Certificate No. KMS008038-01)

Release Date: 21/07/2023

Re-test Date: 20/07/2026

Sorafenib Impurity F

Identification

Chemical Name :

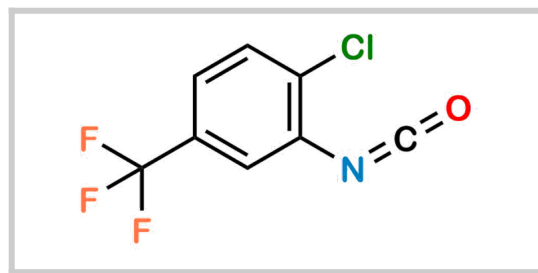
1-Chloro-2-isocyanato-4-(trifluoromethyl)benzene

CAT No. : KMS008038

CAS No. : 50528-86-4

Molecular Formula : C₈H₃ClF₃NO

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

¹H 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, ¹HNMR, IR and TGA