

CERTIFICATE OF ANALYSIS

(Certificate No. KMC028001-01)

Release Date: 01/04/2024

Re-test Date: 31/03/2027

Celecoxib Related Compound A

Identification

Chemical Name :

4-(5-(m-tolyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl)benzenesulfonamide

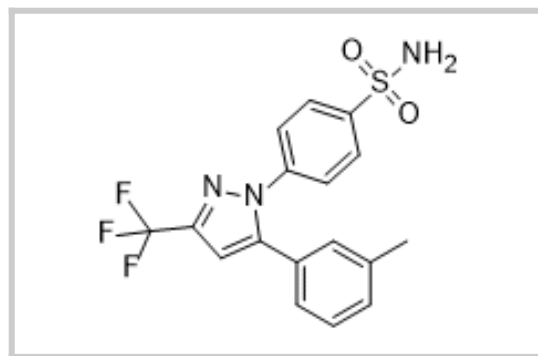
Alt. Name : Celecoxib USP Related Compound A ,
Celecoxib 3-Methyl Analog

CAT No. : KMC028001

CAS No. : 170570-01-1

Molecular Formula : C₁₇H₁₄F₃N₃O₂S

Molecular Weight : 381.37



Analytical Information

Batch No. : CEL-EPA-073-148

Solubility : Acetonitrile

Description : Off White Solid

Mass : Confirm

HPLC Purity : 97.26 %

IR : Confirm

Weight Loss By TGA : 0.06 %

¹H NMR : Confirm

% Potency : 97.2 %

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 - 0.06(Weight Loss By TGA)] x [97.26(HPLC Purity)]/100 = 97.2 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA