

CERTIFICATE OF ANALYSIS

(Certificate No. KMC028003-01)

Release Date: 11/11/2025

Re-test Date: 10/11/2028

Celecoxib

Identification

Chemical Name :

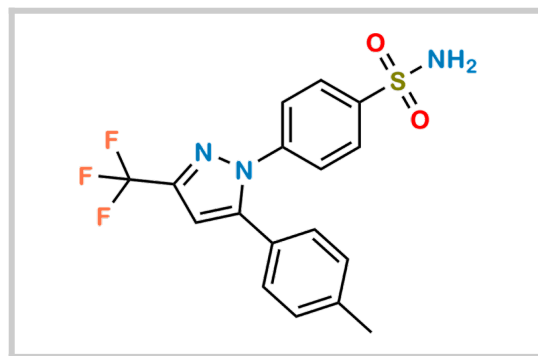
4-[5-(4-Methylphenyl)-3-trifluoromethyl-1H-pyrazol-1-yl]benzenesulfonamide

CAT No. : KMC028003

CAS No. : 169590-42-5

Molecular Formula : C₁₇H₁₄F₃N₃O₂S

Molecular Weight : 381.4



Analytical Information

Batch No. : C028003-102-373

Description : White solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.16 %

% Potency : 99.78 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.16(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.78 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/11/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA