CERTIFICATE OF ANALYSIS

(Certificate No. KMC028004-01)

Release Date: 03/02/2026 **Re-test Date:** 02/02/2029

Celecoxib Ortho Isomer

Identification

Chemical Name :
4-[5-(2-Methylphenyl)-3-trifluoromethyl-1H-pyrazol-1-yl]benzenesulfonamide

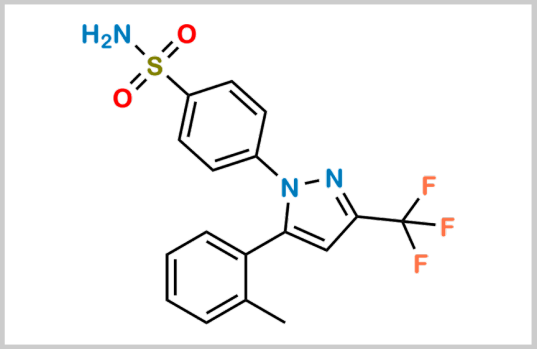
Alt. Name : o-Celecoxib (USP)

CAT No. : KMC028004

CAS No. : 170569-99-0

Molecular Formula : C17H14F3N3O2S

Molecular Weight : 381.4



Analytical Information

Batch No. : C028004-114-134

Description : Off White solid

HPLC Purity : 99.09 %

Weight Loss By TGA : 2.00 %

% Potency : 97.11 %

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 - 2.00(Weight Loss By TGA)] x [99.09(HPLC Purity)]/100 = 97.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/02/2026

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