CERTIFICATE OF ANALYSIS

(Certificate No. KMM088018-01)

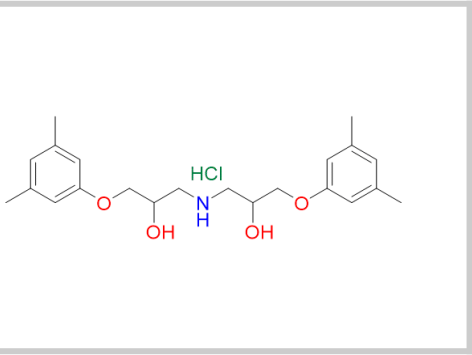
Release Date: 23/04/2025 **Re-test Date:** 22/04/2028

Metaxalone Related Compound C

Identification

Chemical Name :
3,3'-azanediylbis(1-(3,5-dimethylphenoxy)propan-2-ol) Hydrochloride ; Bis[2-hydroxy-3-(3,5-dimethylphenoxy)propyl]amine Hydrochloride

Alt. Name	: Metaxalone USP Related Compound C; Metaxalone Dimer Impurity
CAT No.	: KMM088018
CAS No.	: Not Available ; 805972-34-3 (Free Base)
Molecular Formula	: C22H31NO4 : HCl
Molecular Weight	: 373.5 : 36.5



Analytical Information

Batch No.	: M088018-091-354
Description	: White Solid
HPLC Purity	: 99.88 %
Weight Loss By TGA	: 0.45 %
% Potency	: 99.43 %
Solubility	: Water : Acetonitrile (1:1)
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 - 0.45(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 99.43 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		23/04/2025

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