

CERTIFICATE OF ANALYSIS

(Certificate No. KMM088018-01)

Release Date: 23/04/2025

Re-test Date: 22/04/2028

BIS[2-HYDROXY-3-(3,5-DIMETHYLPHENOXY)PROPYL]AMINE HCl

Identification

Chemical Name :

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

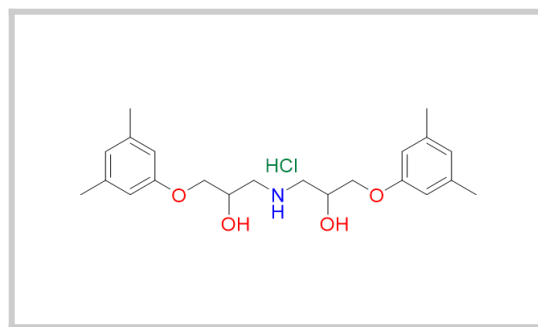
Alt. Name : Metaxalone USP Related Compound C; Metaxalone Dimer Impurity

CAT No. : KMM088018

CAS No. : 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	Ravi Patel		24/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2025

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